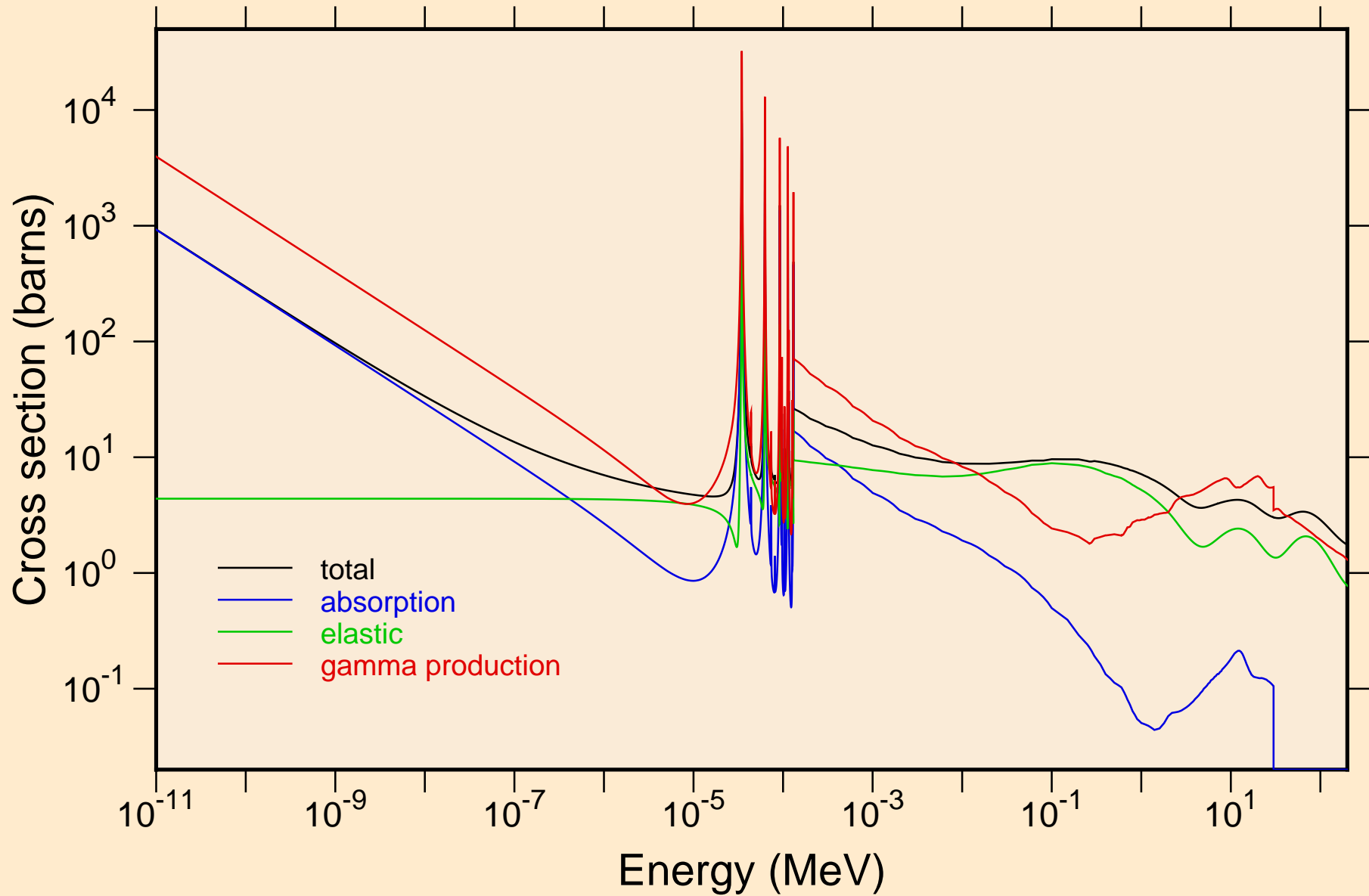
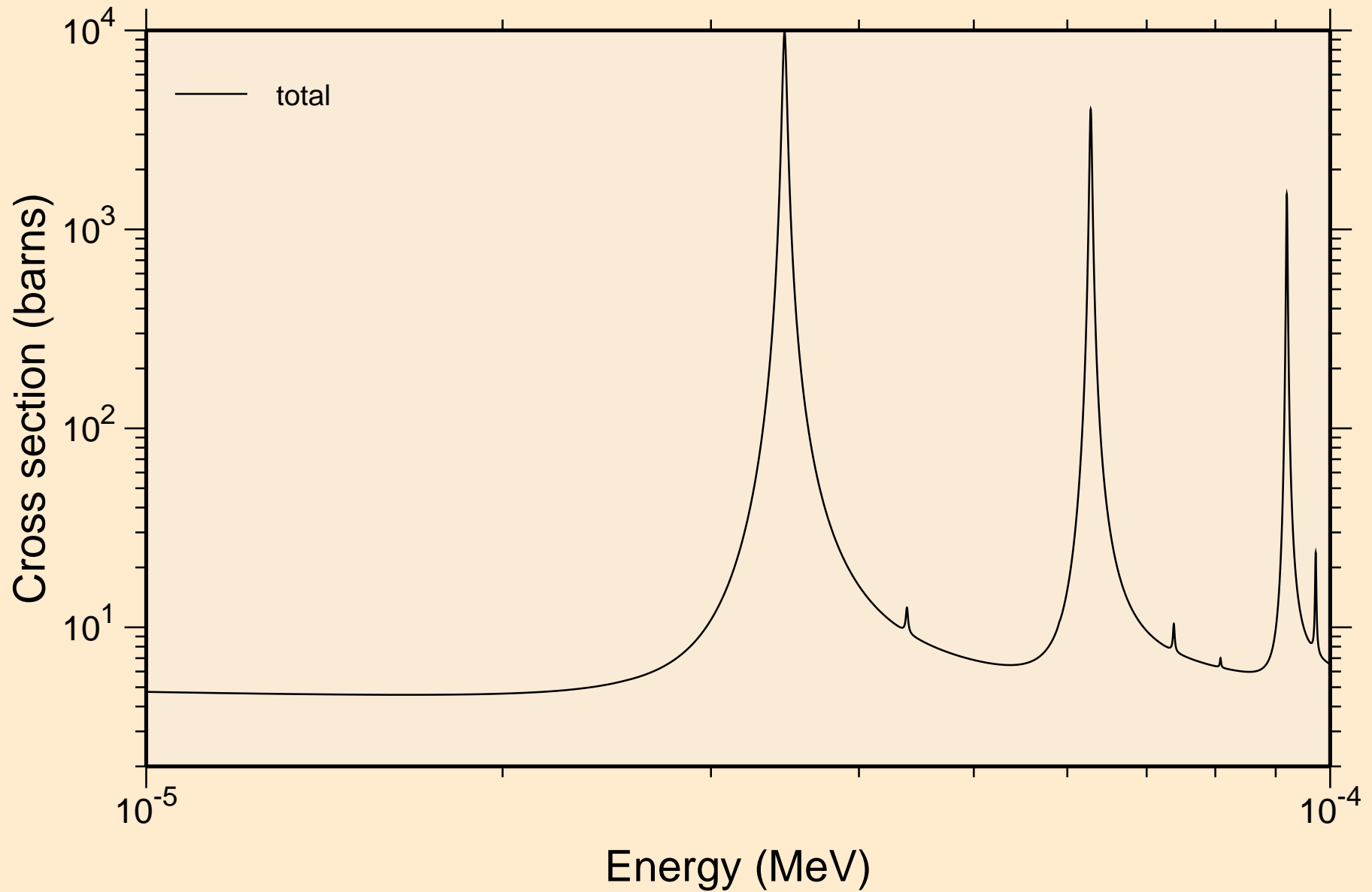


# PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

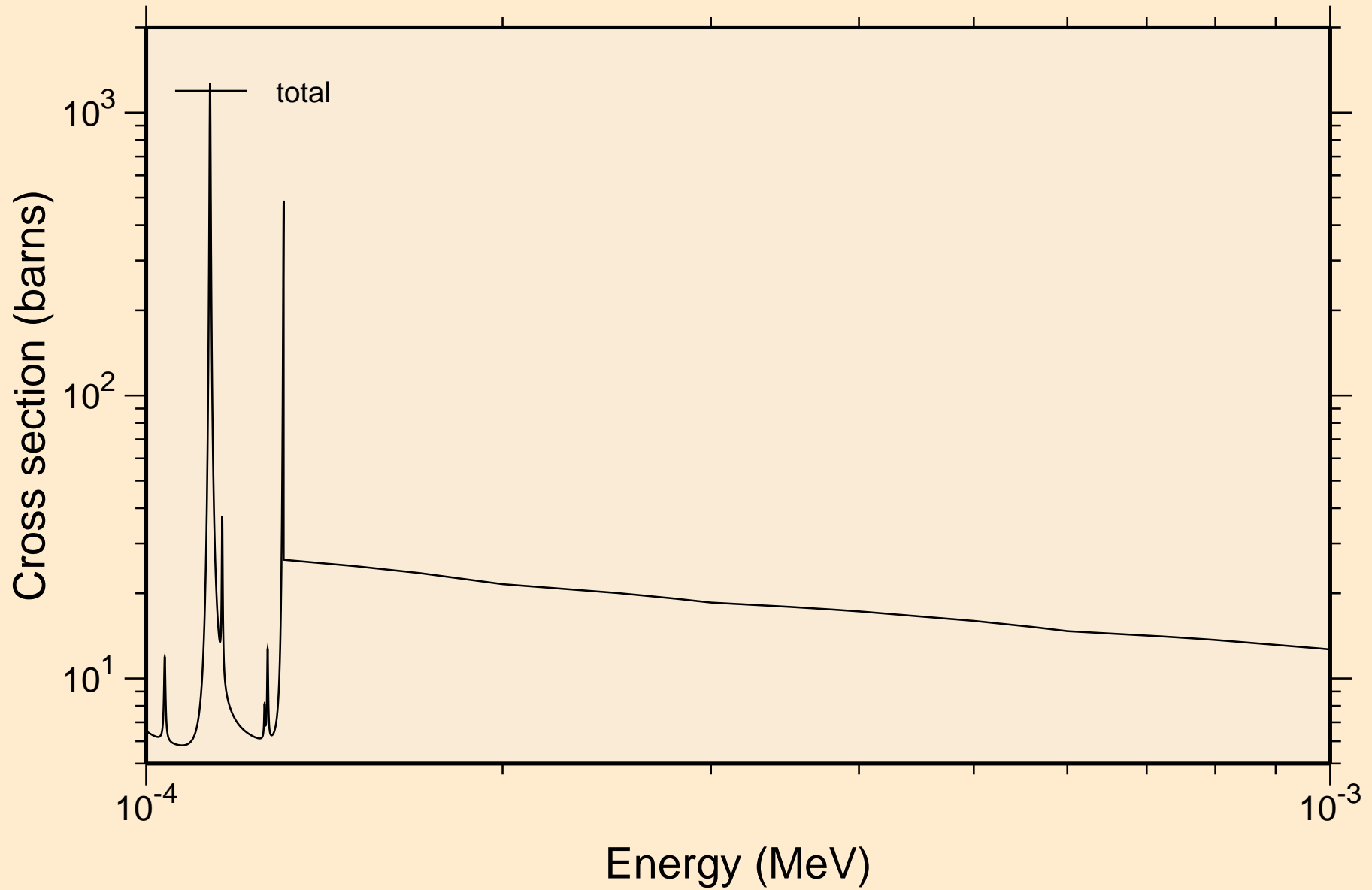
## Principal cross sections



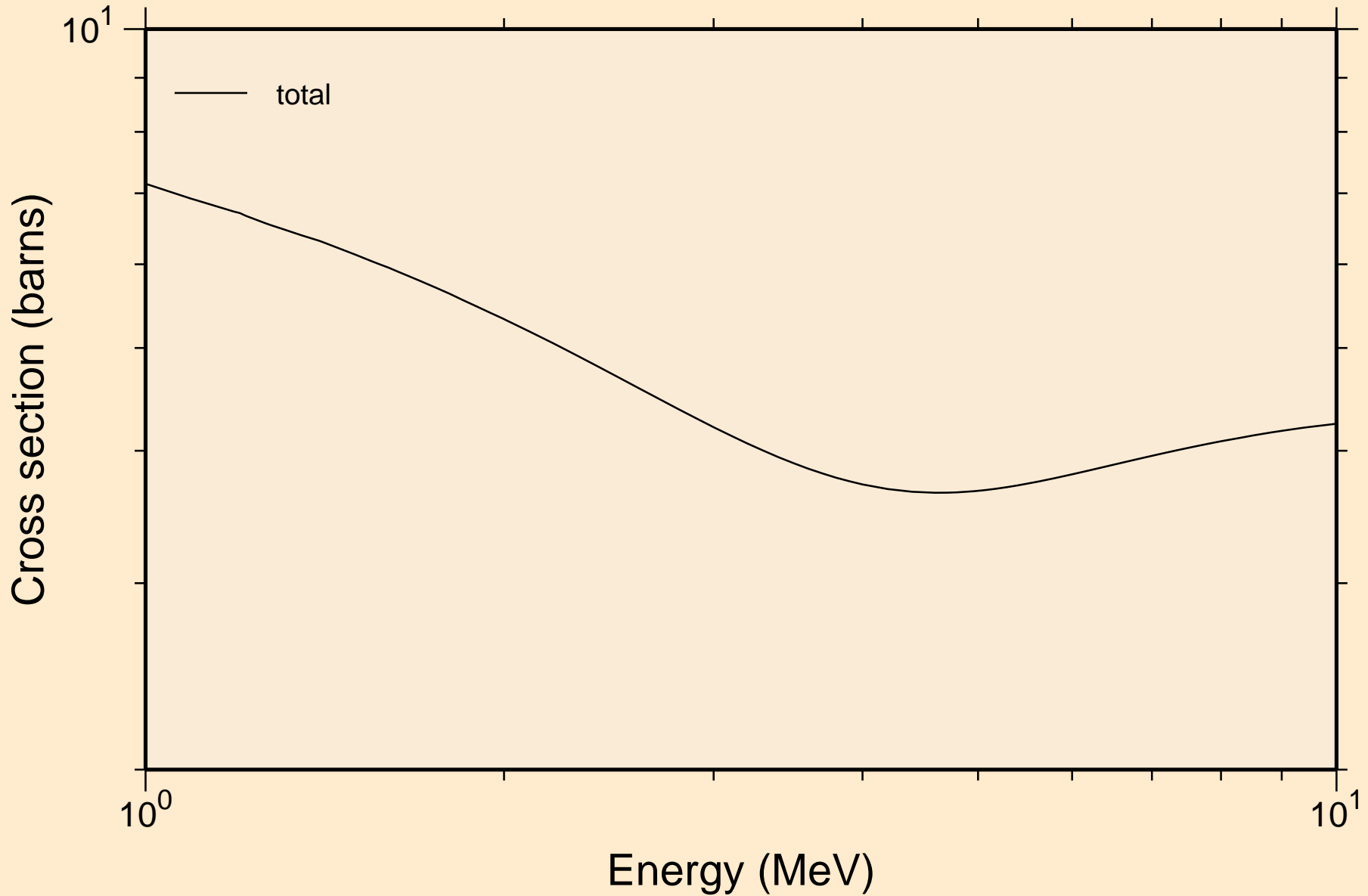
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



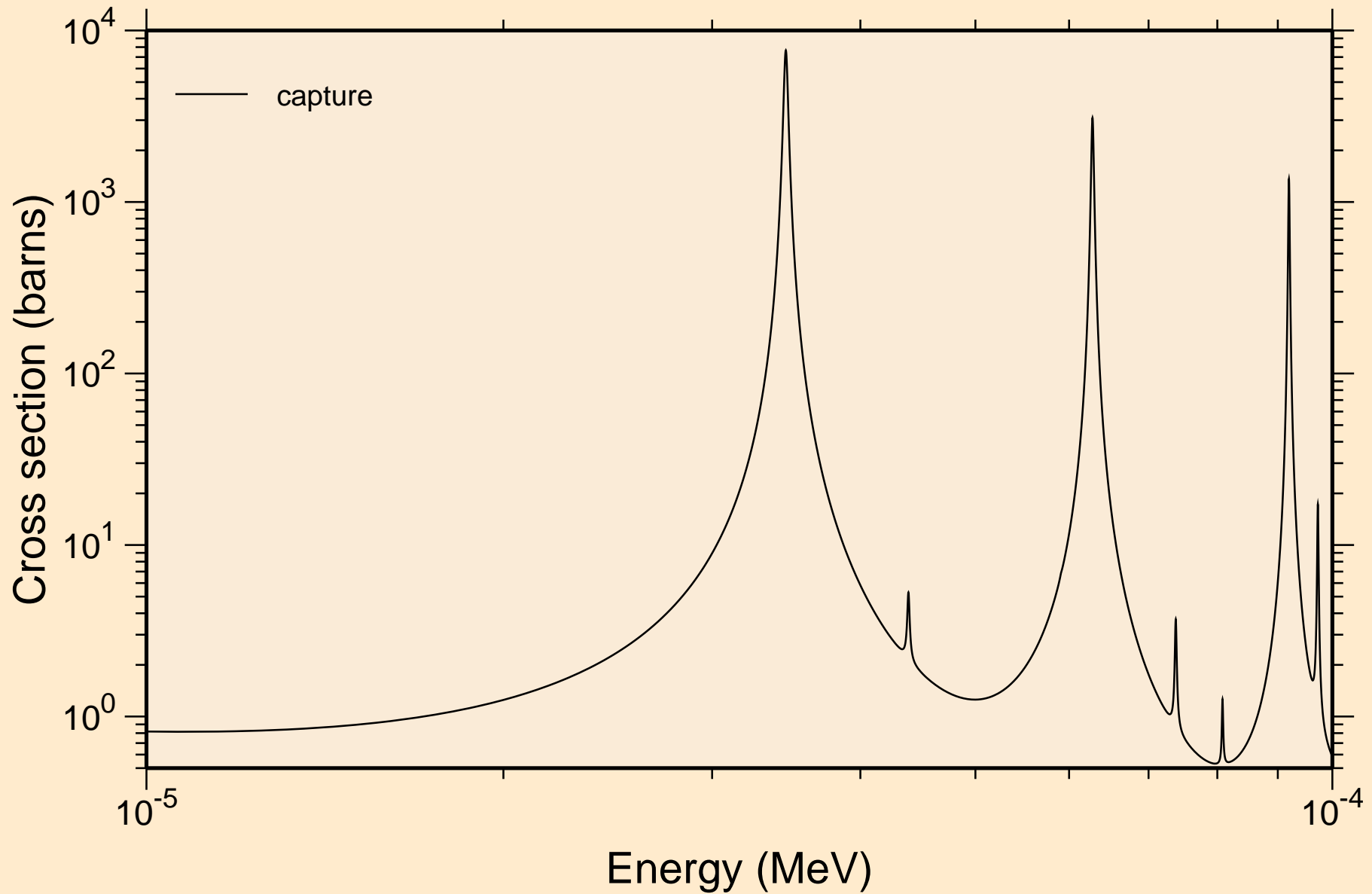
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



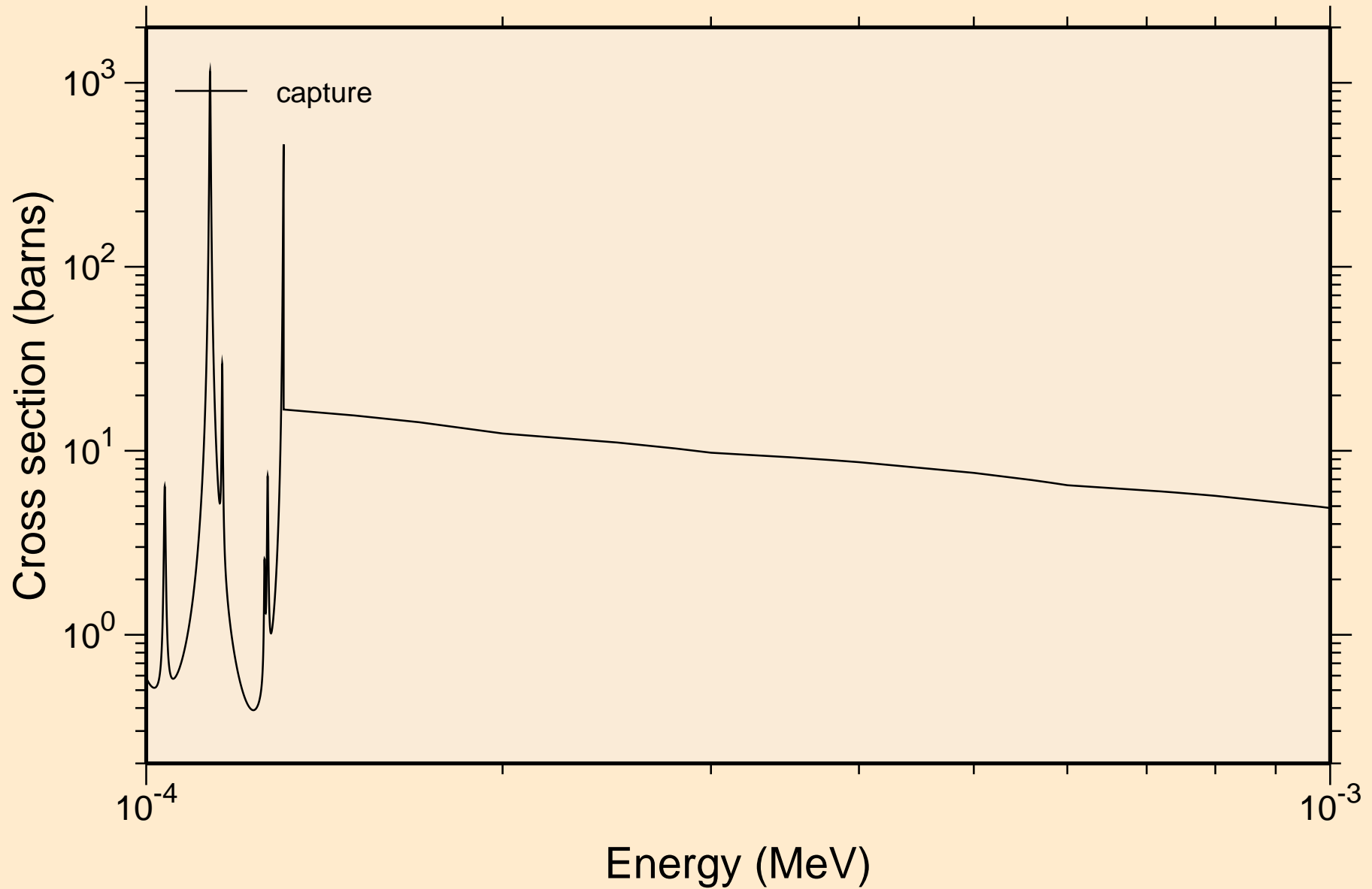
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



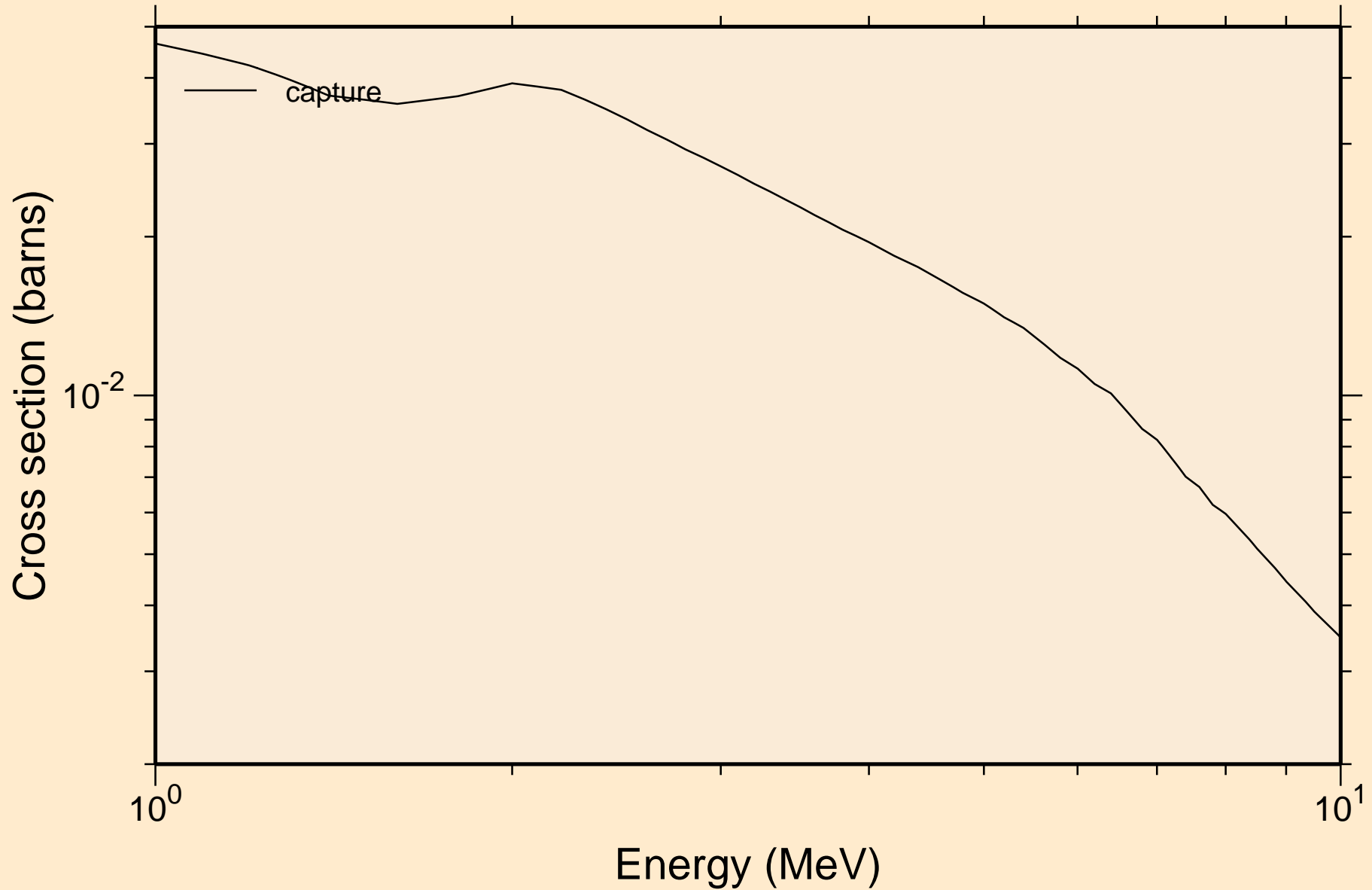
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



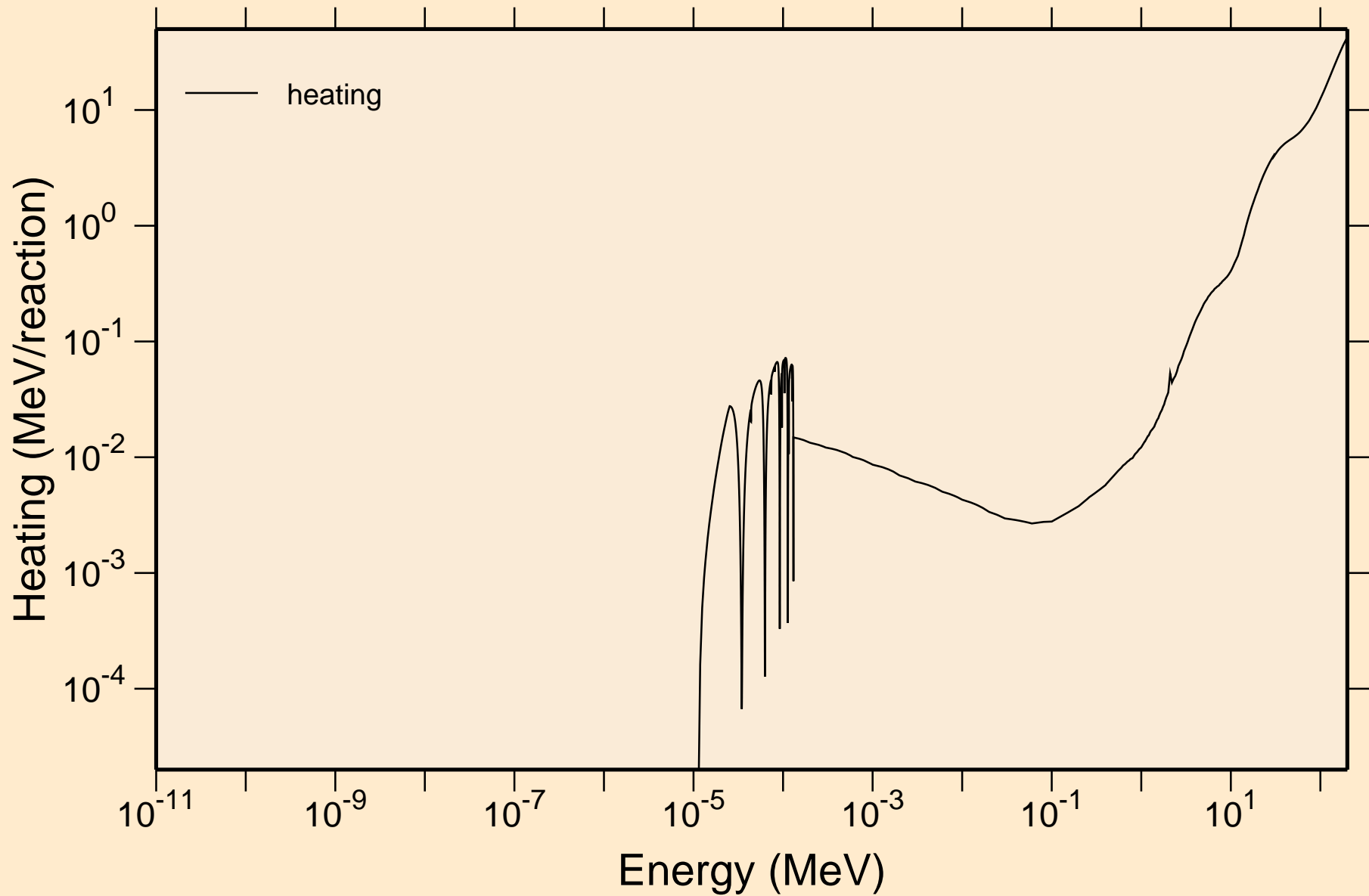
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



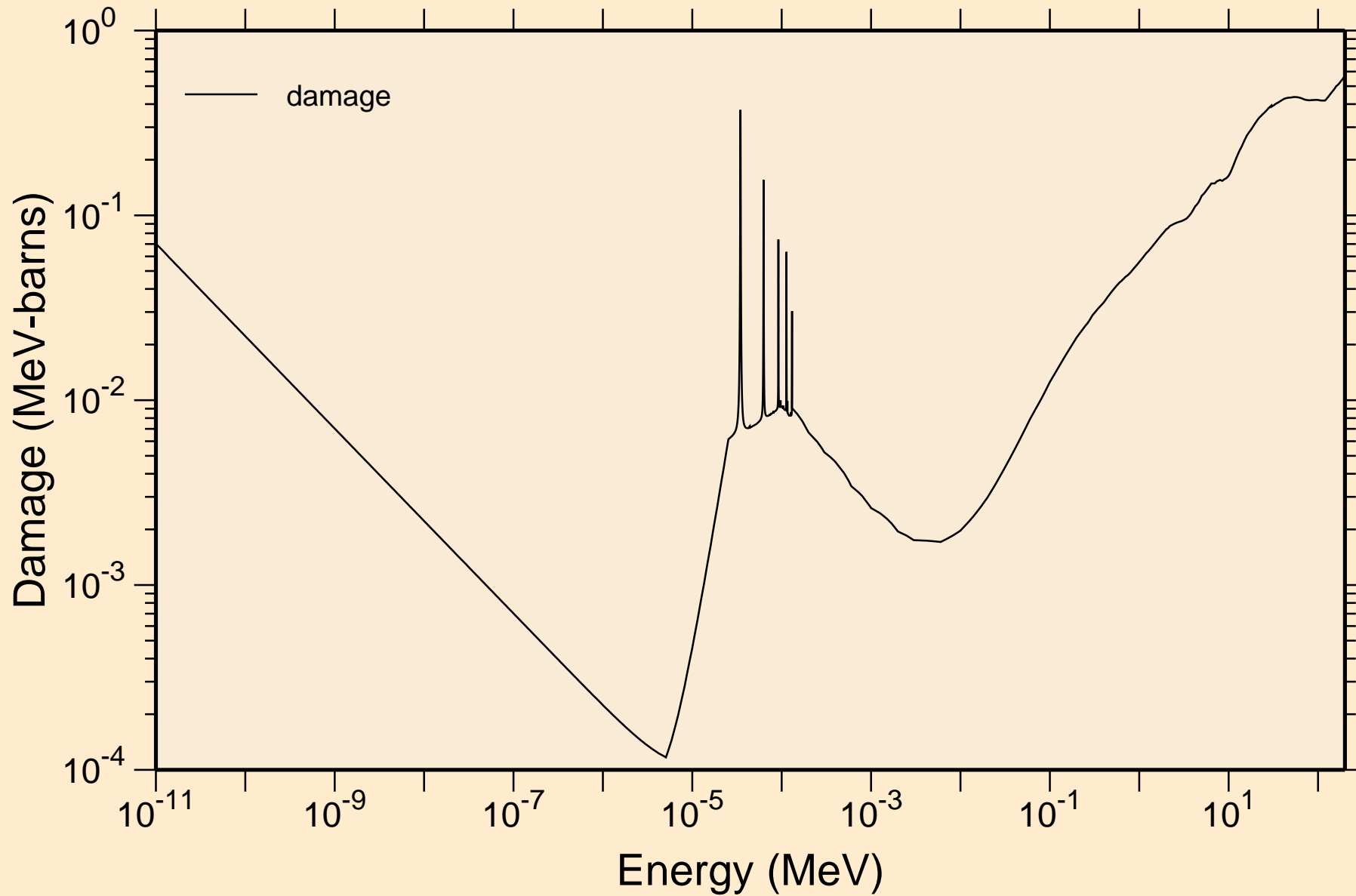
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



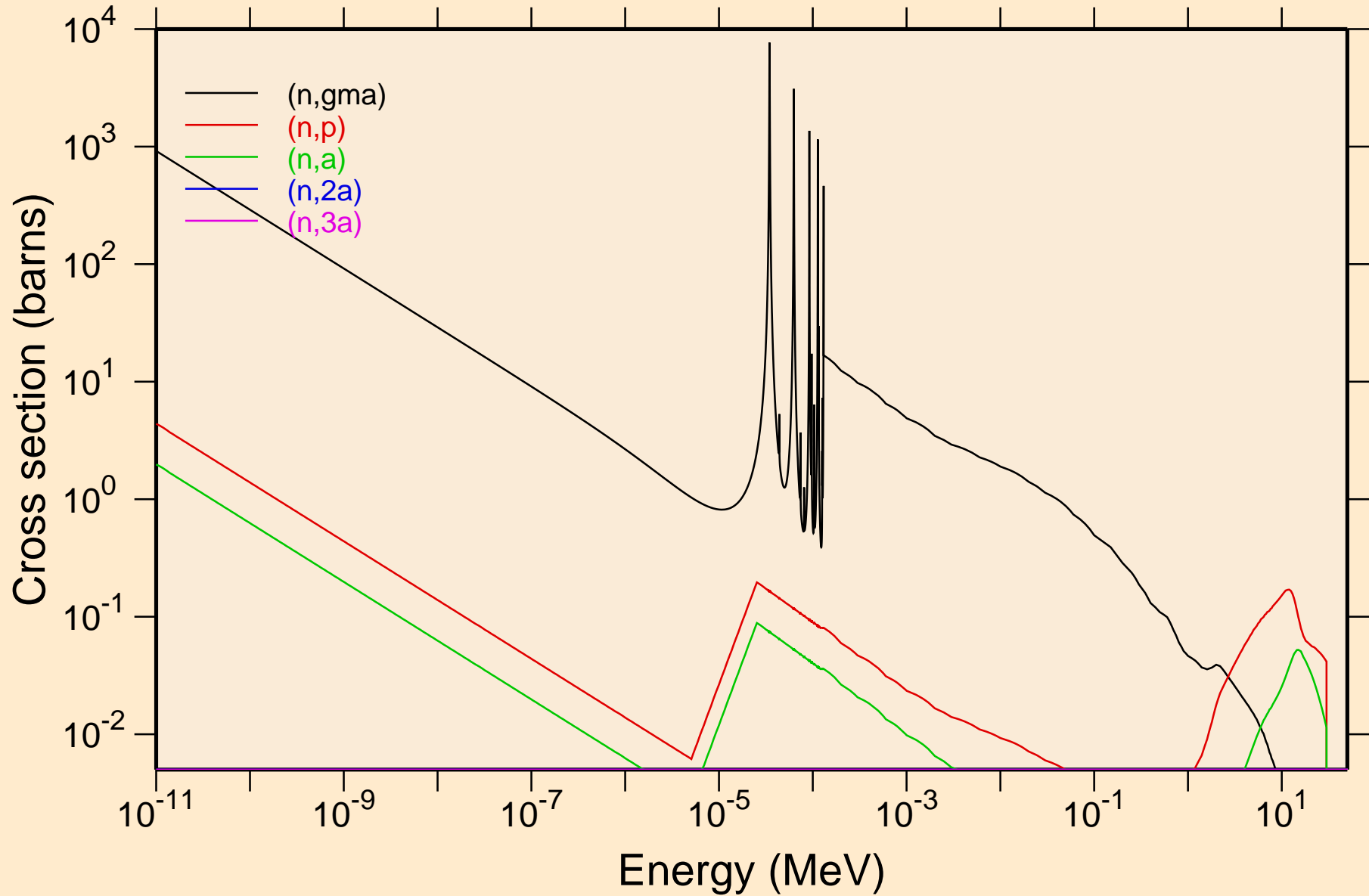


# PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

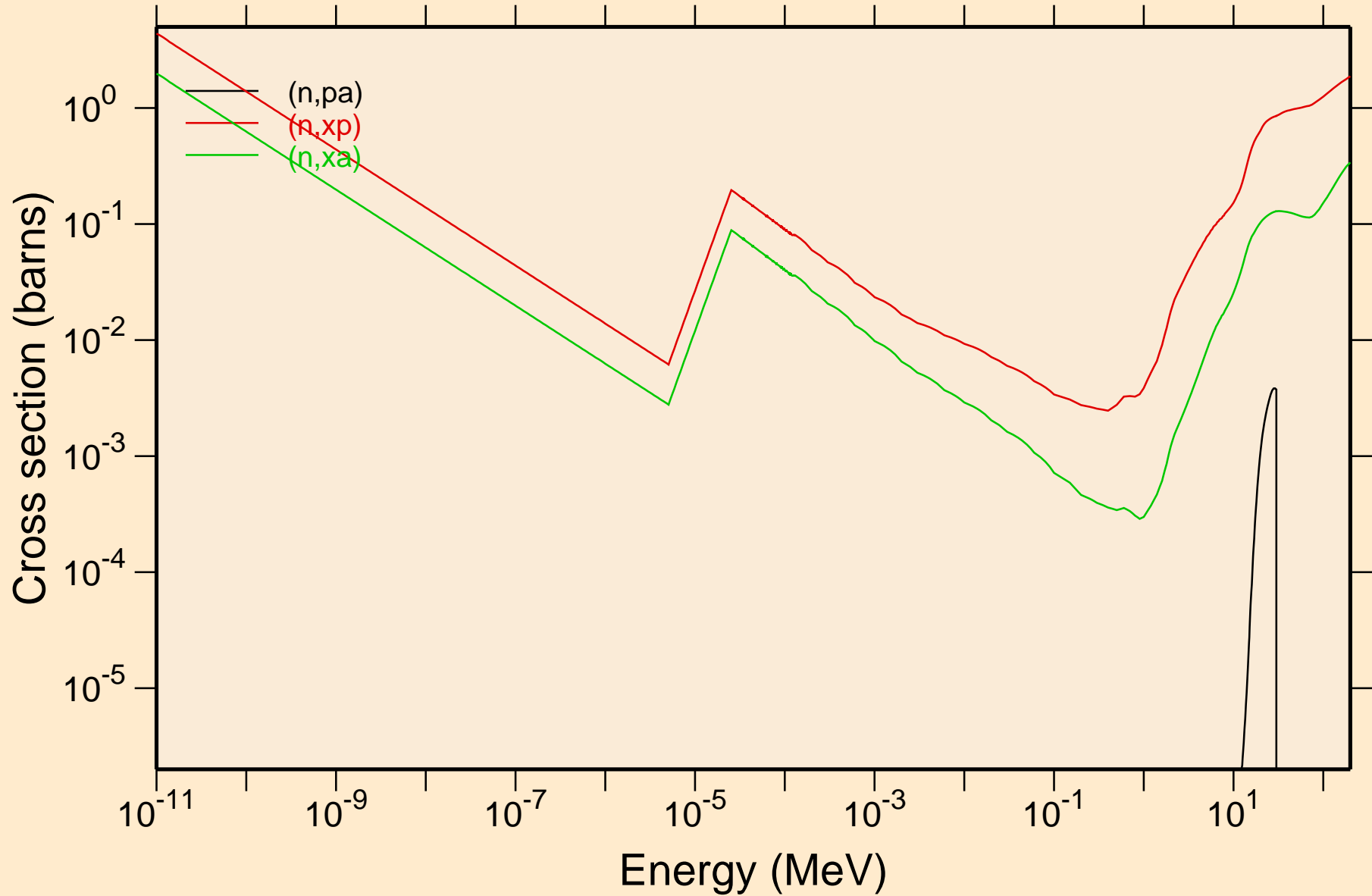
## Damage



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

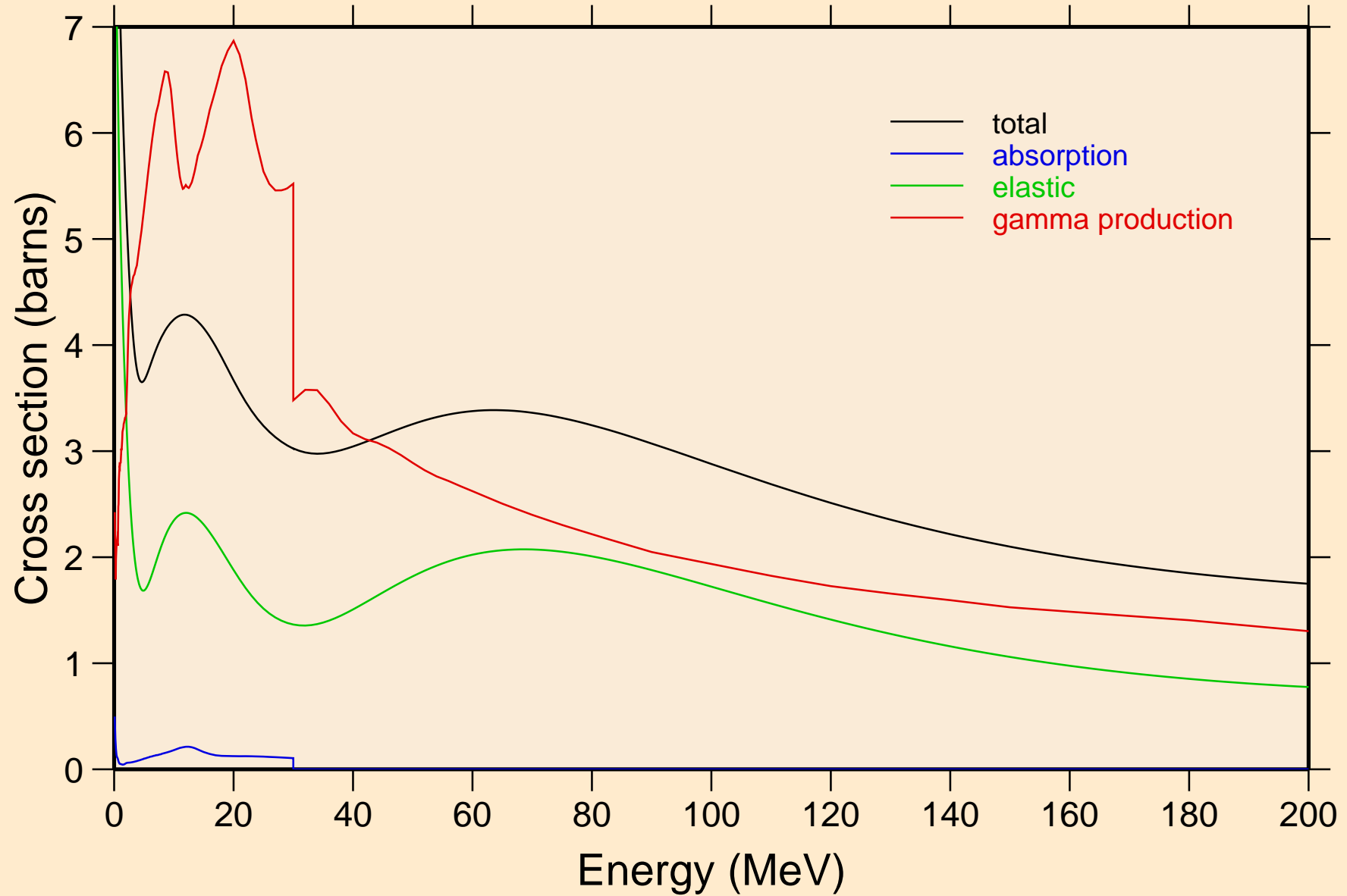


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



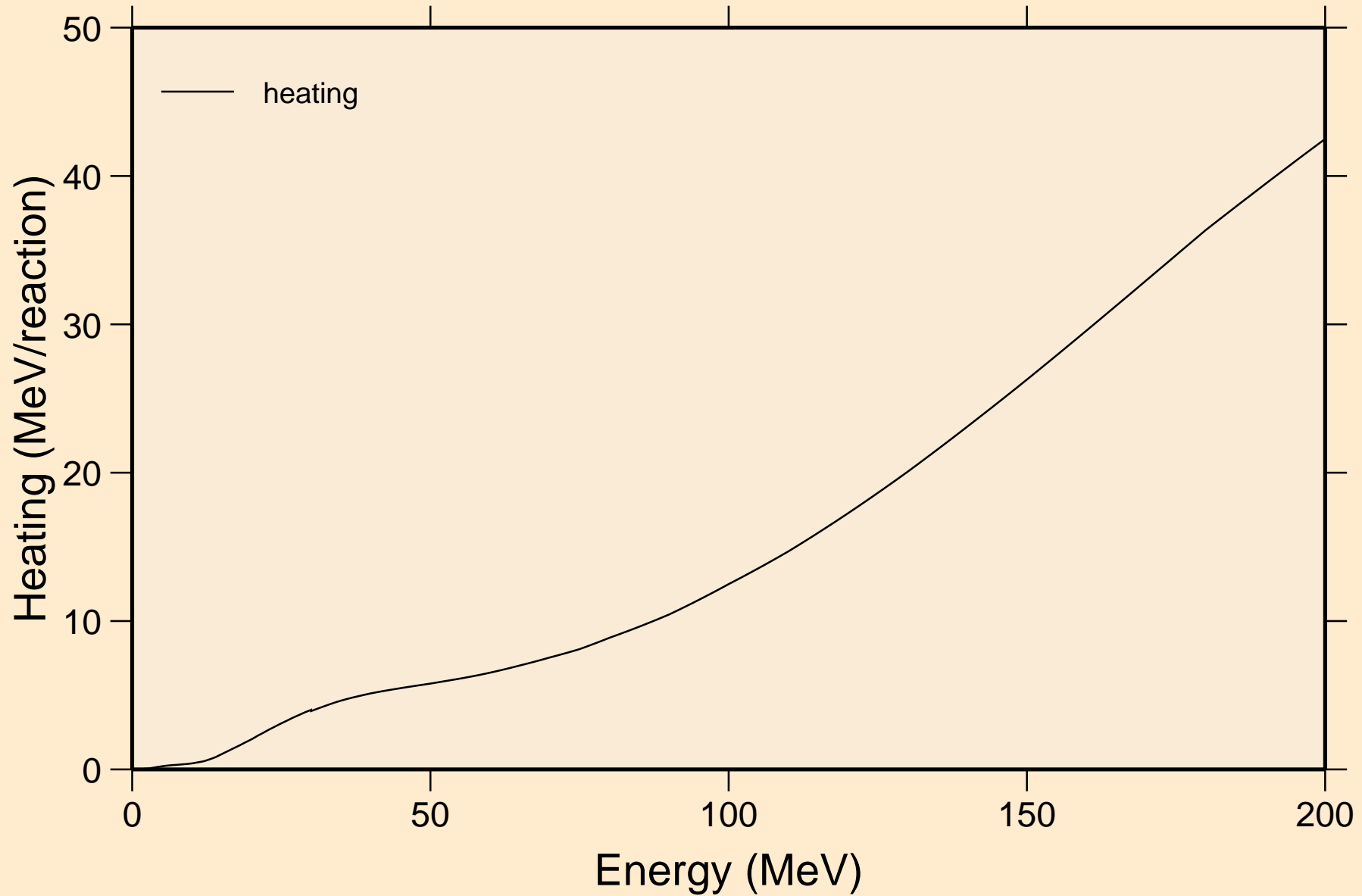
# PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

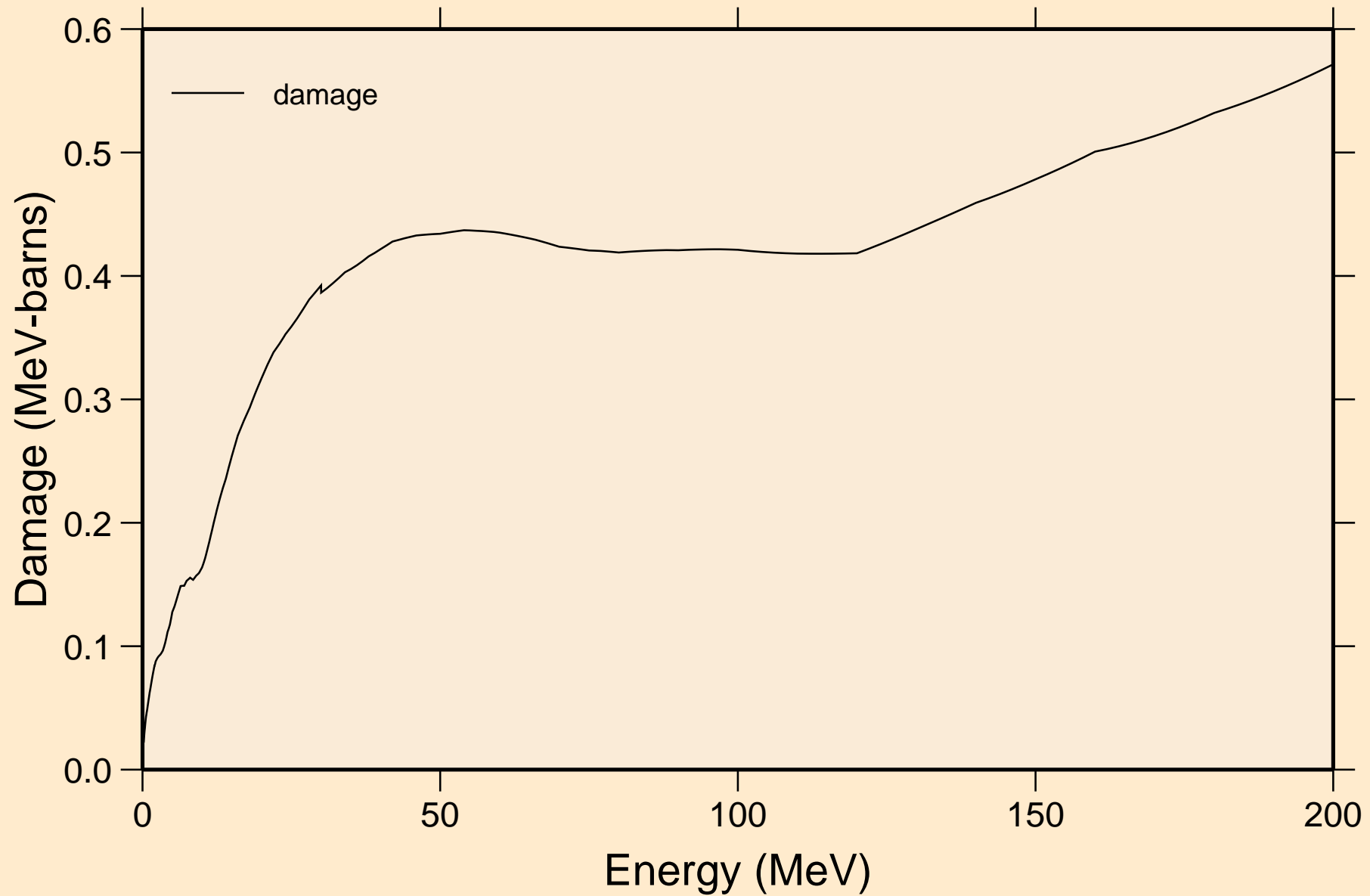


# PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

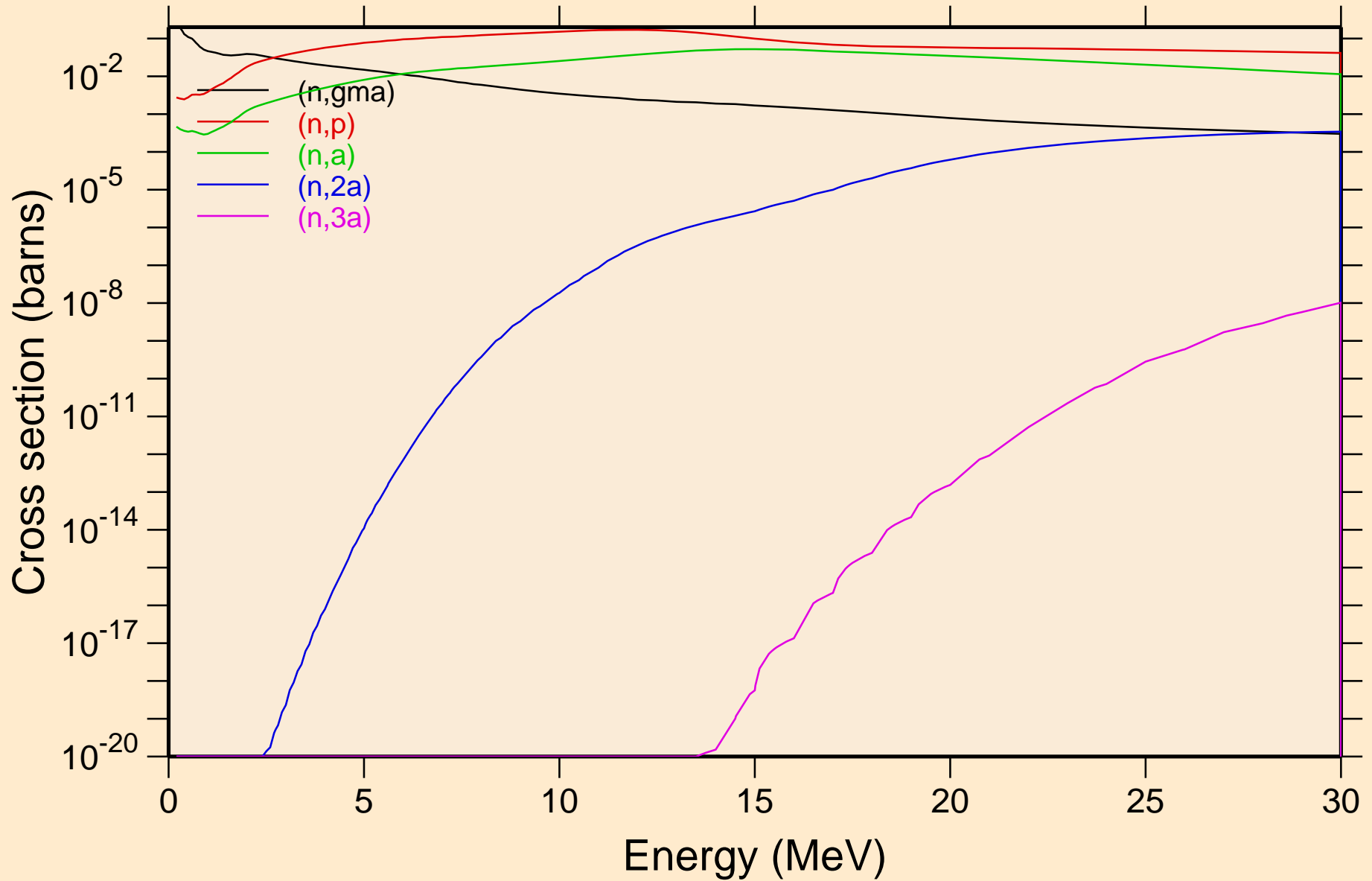
## Heating



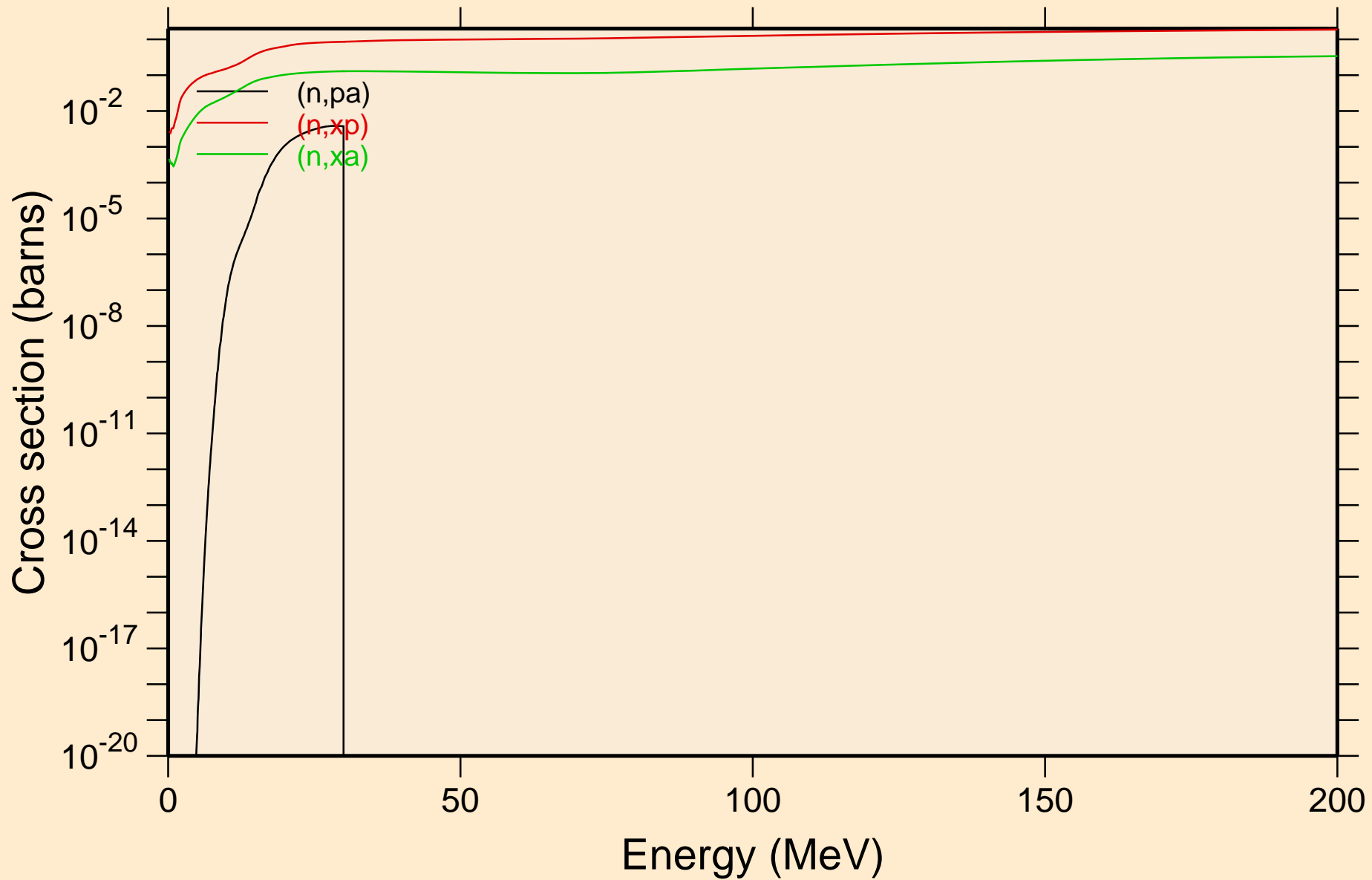
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

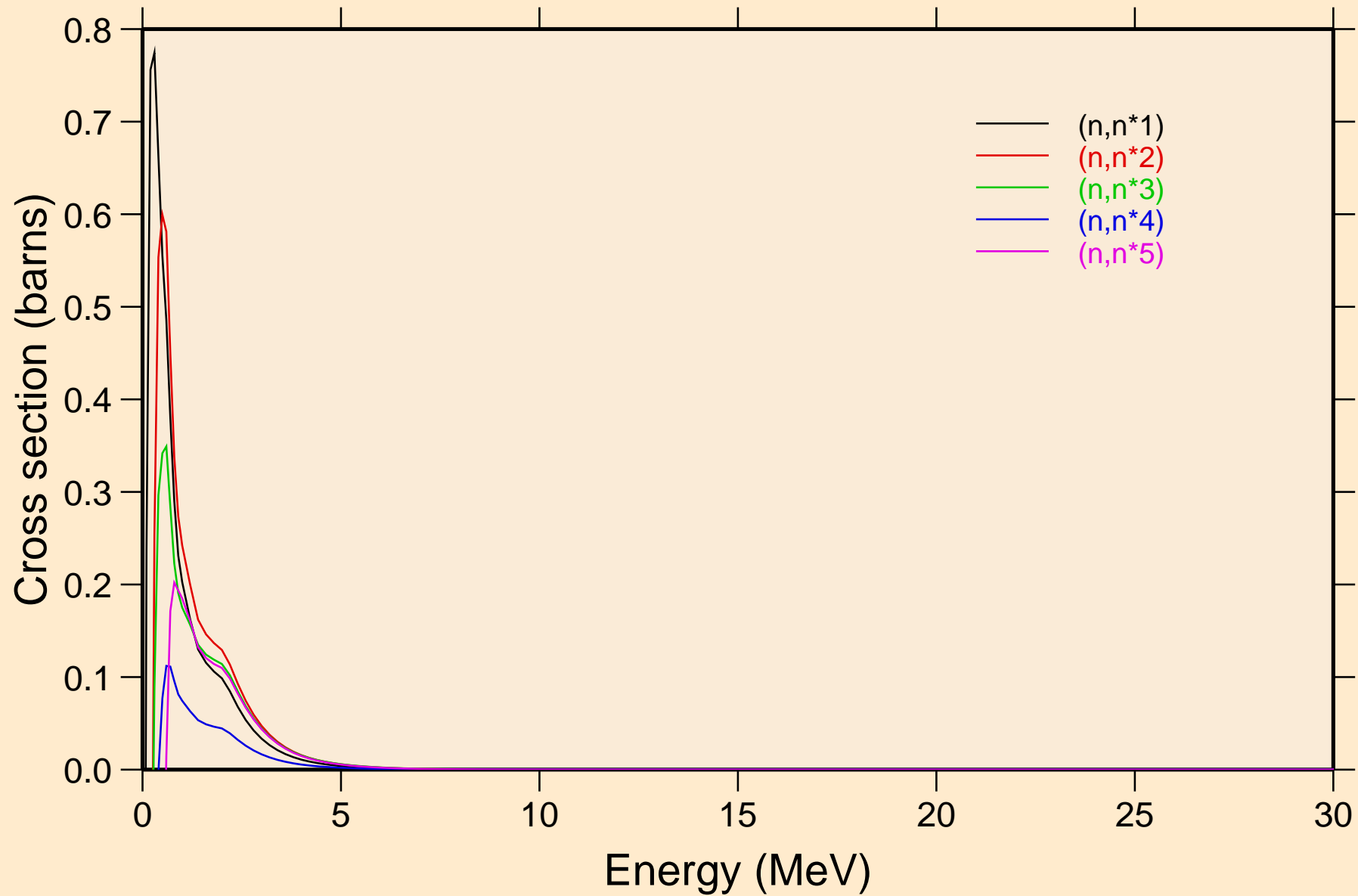


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

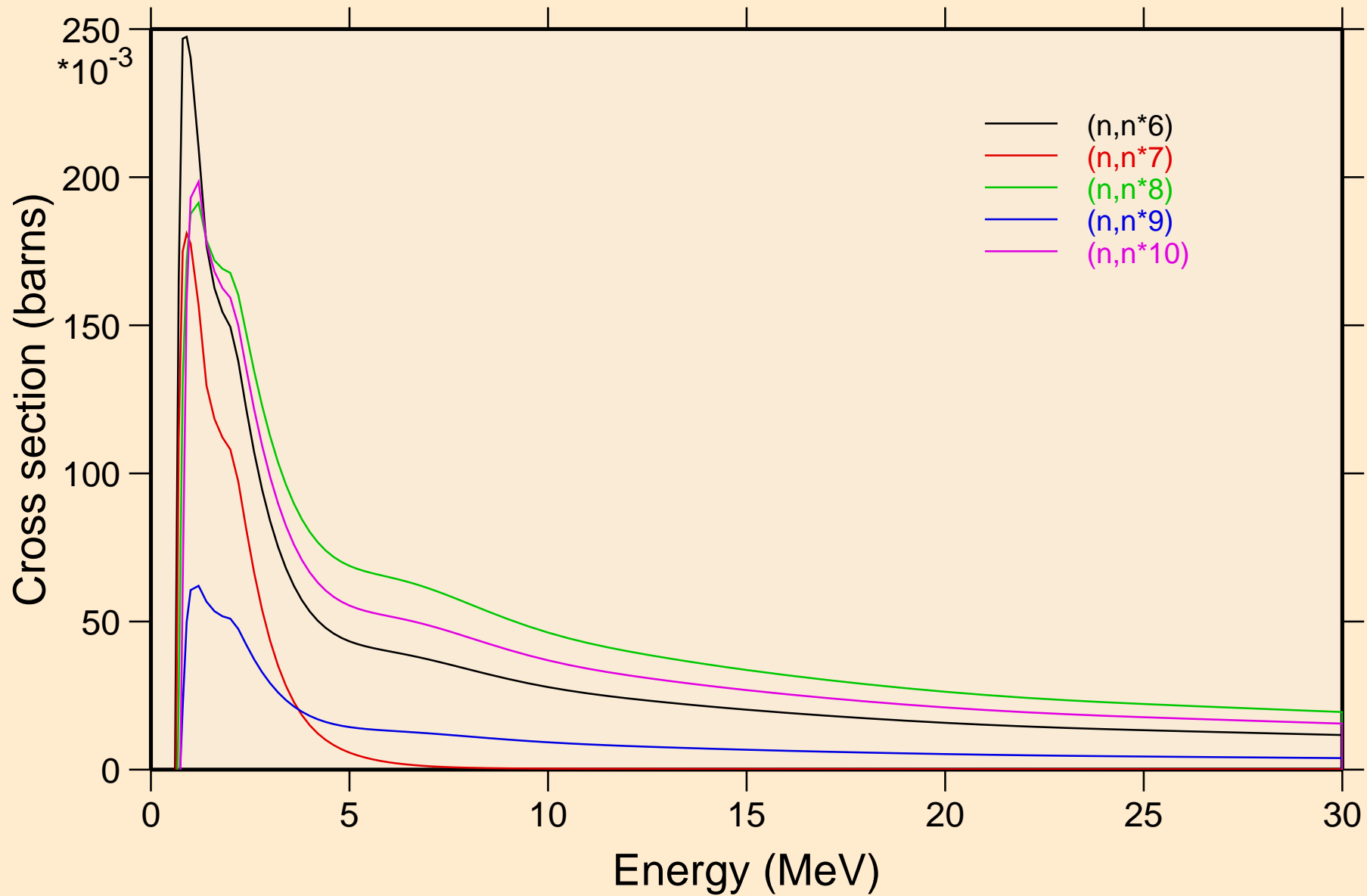




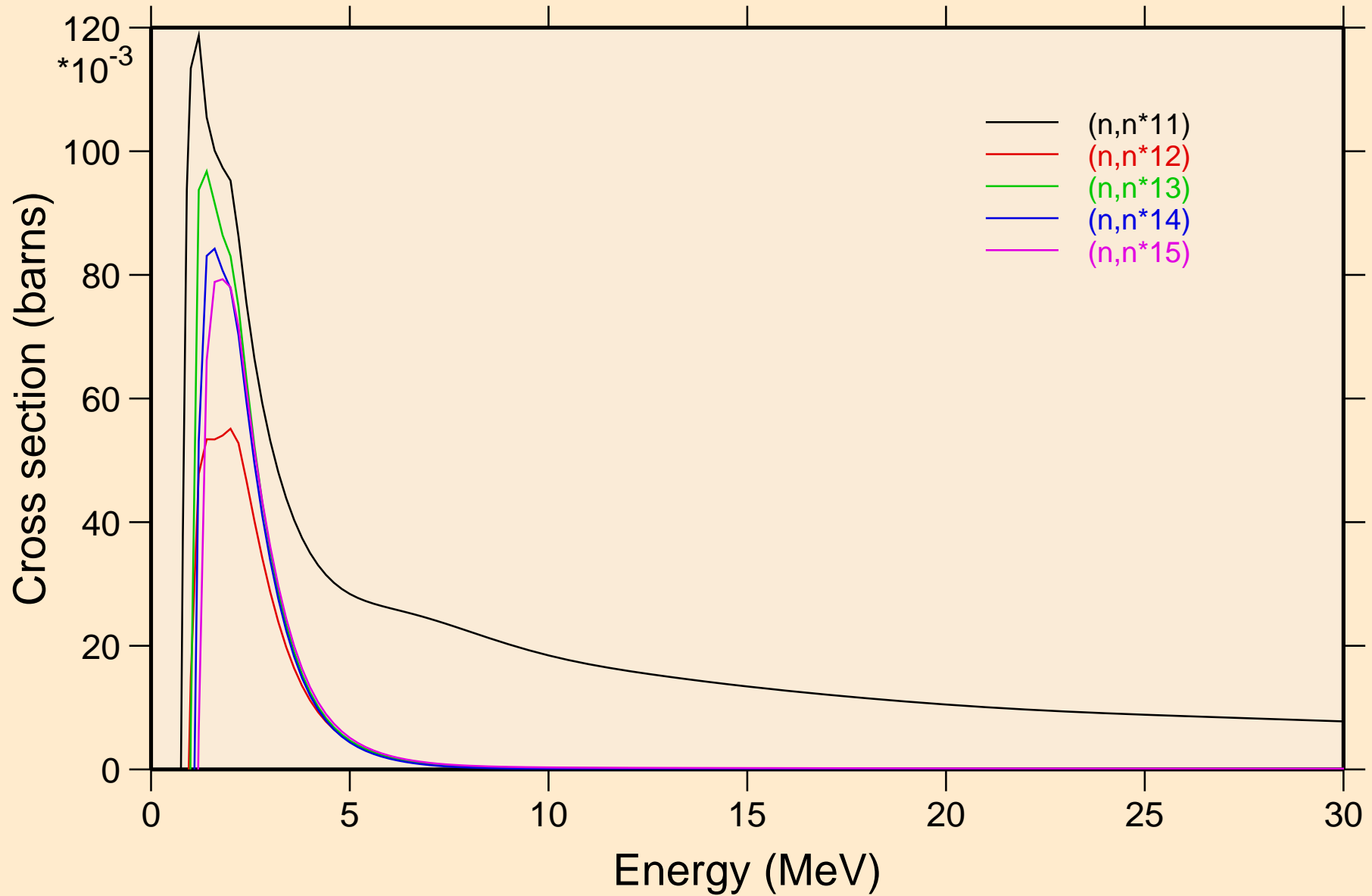
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



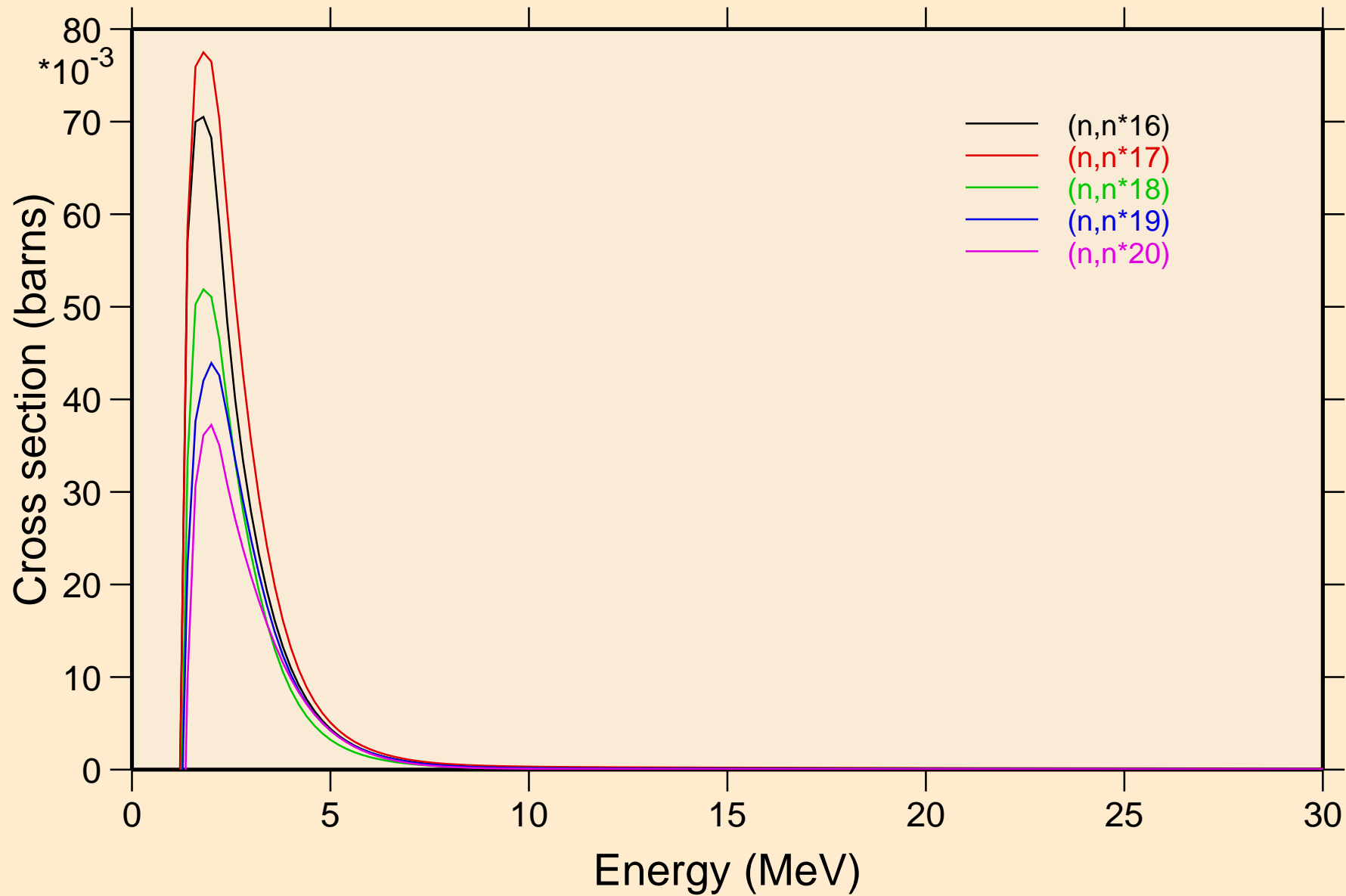
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



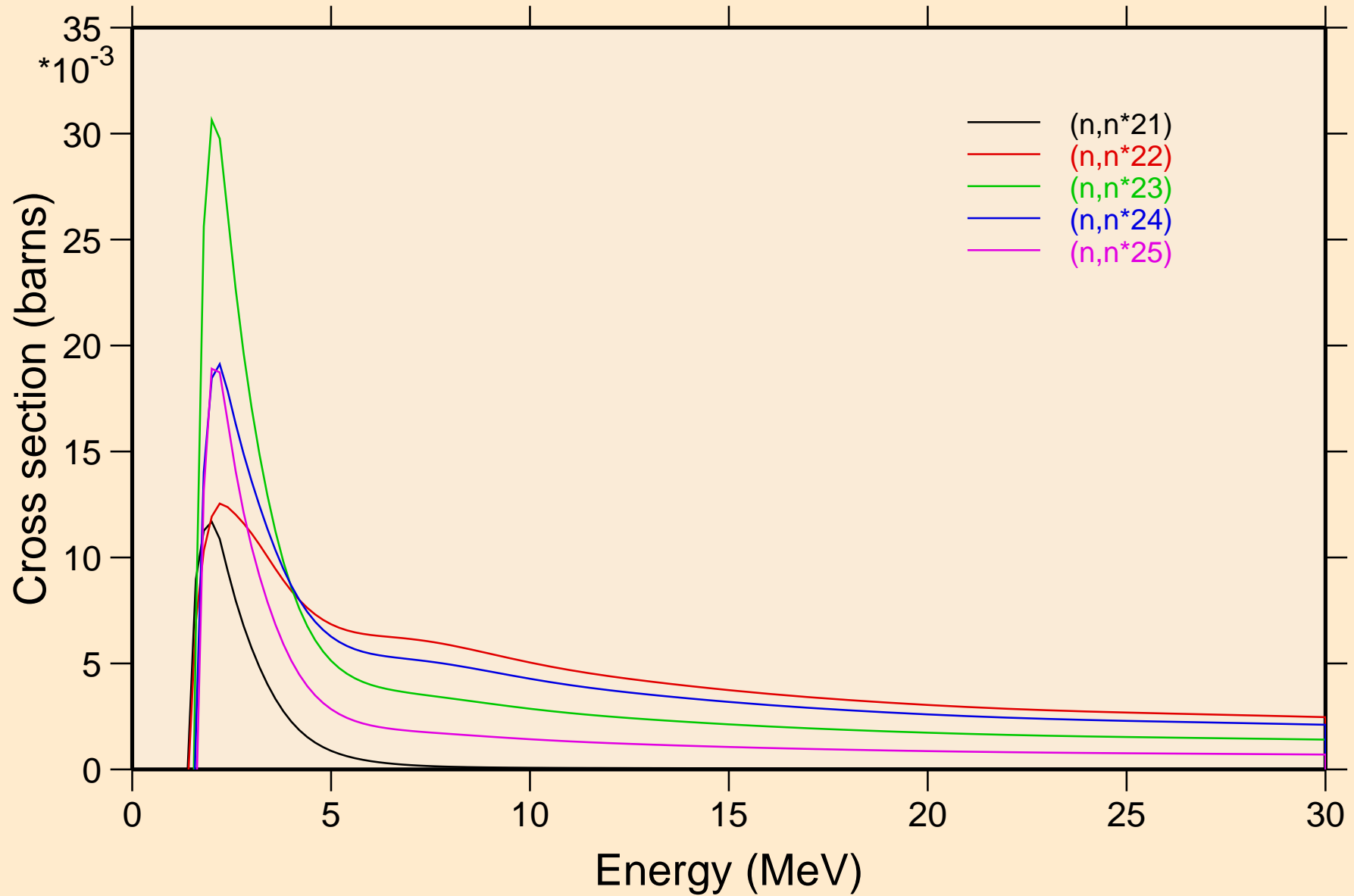
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



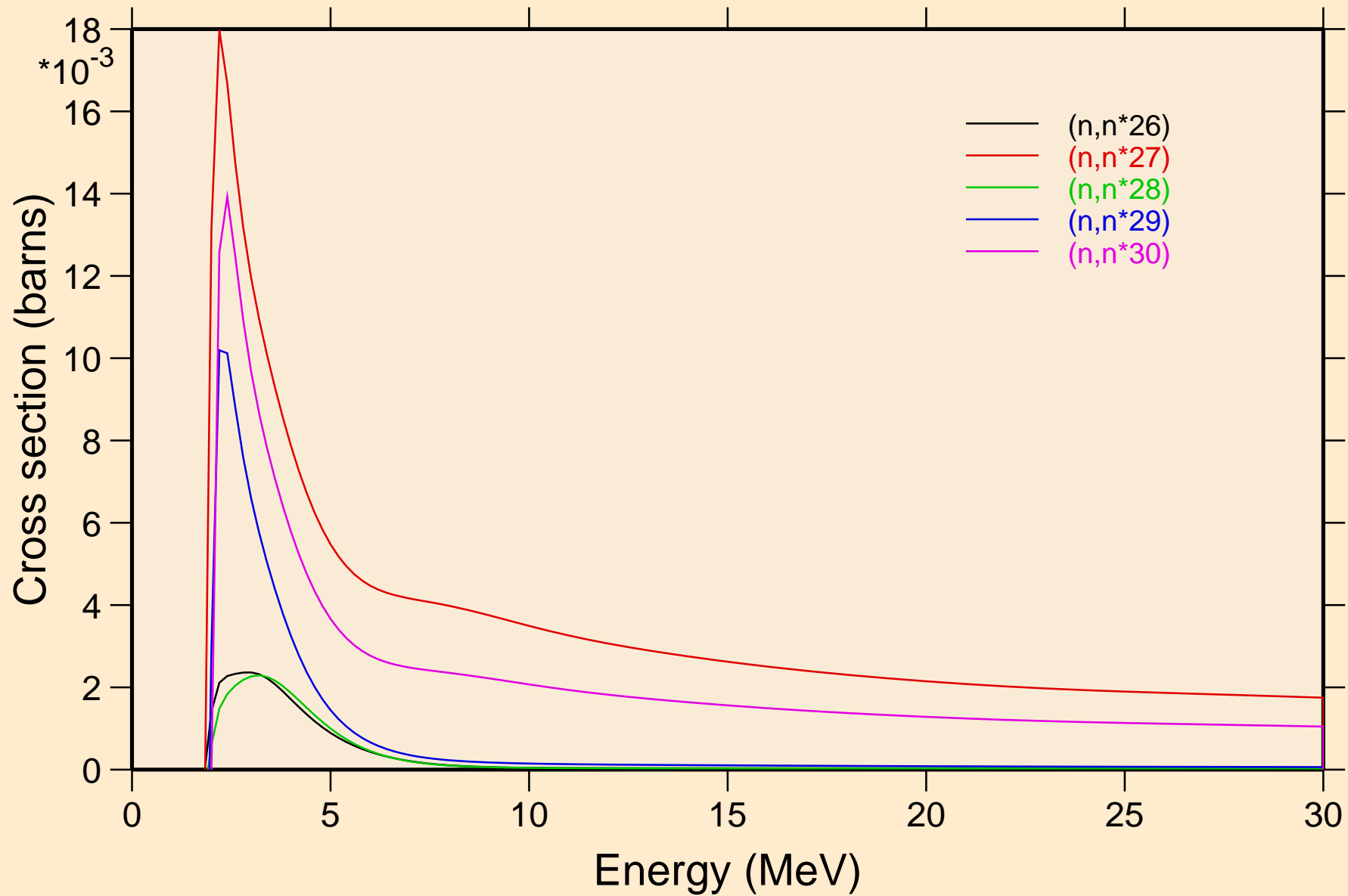
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



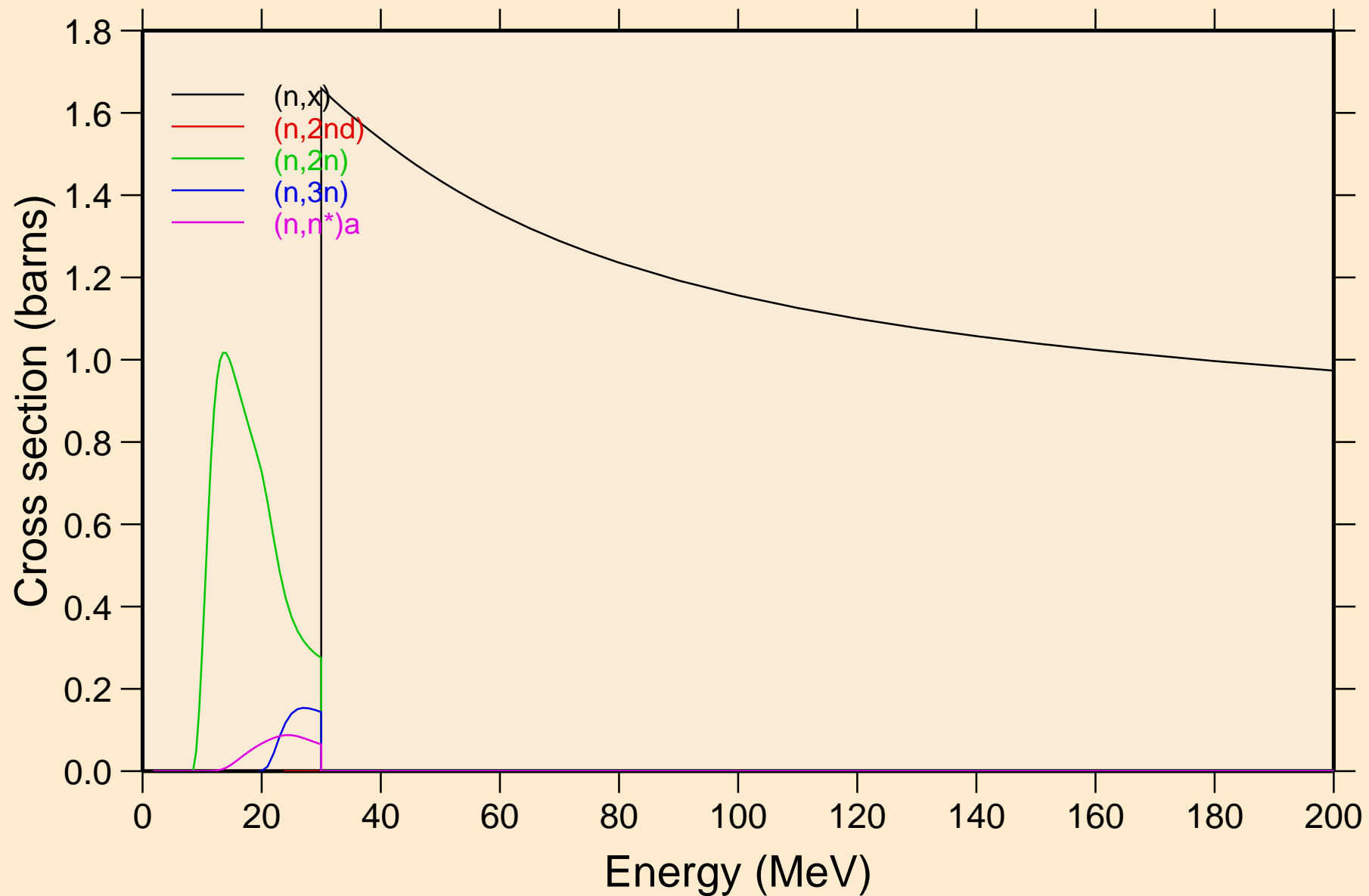
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



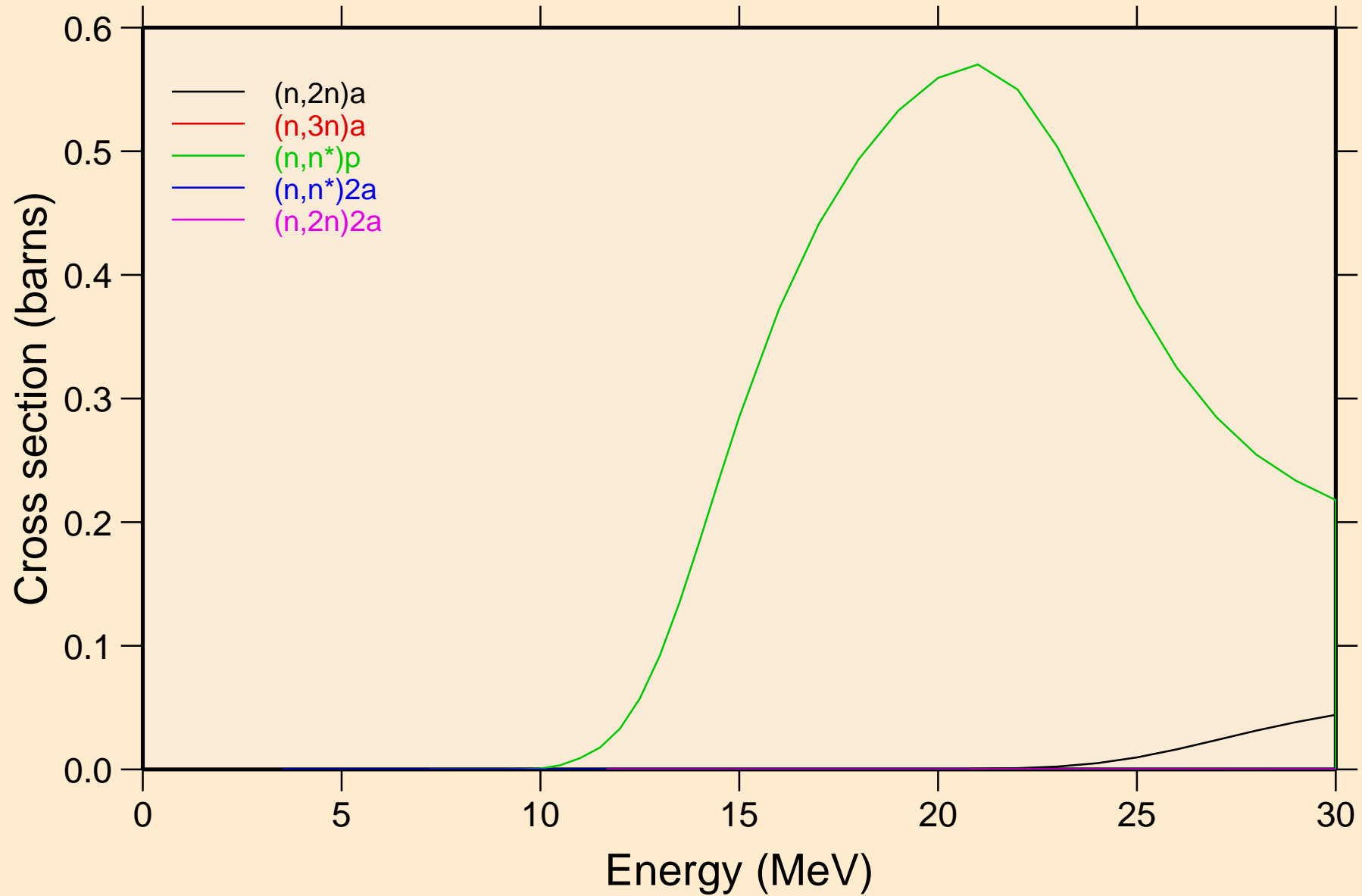
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

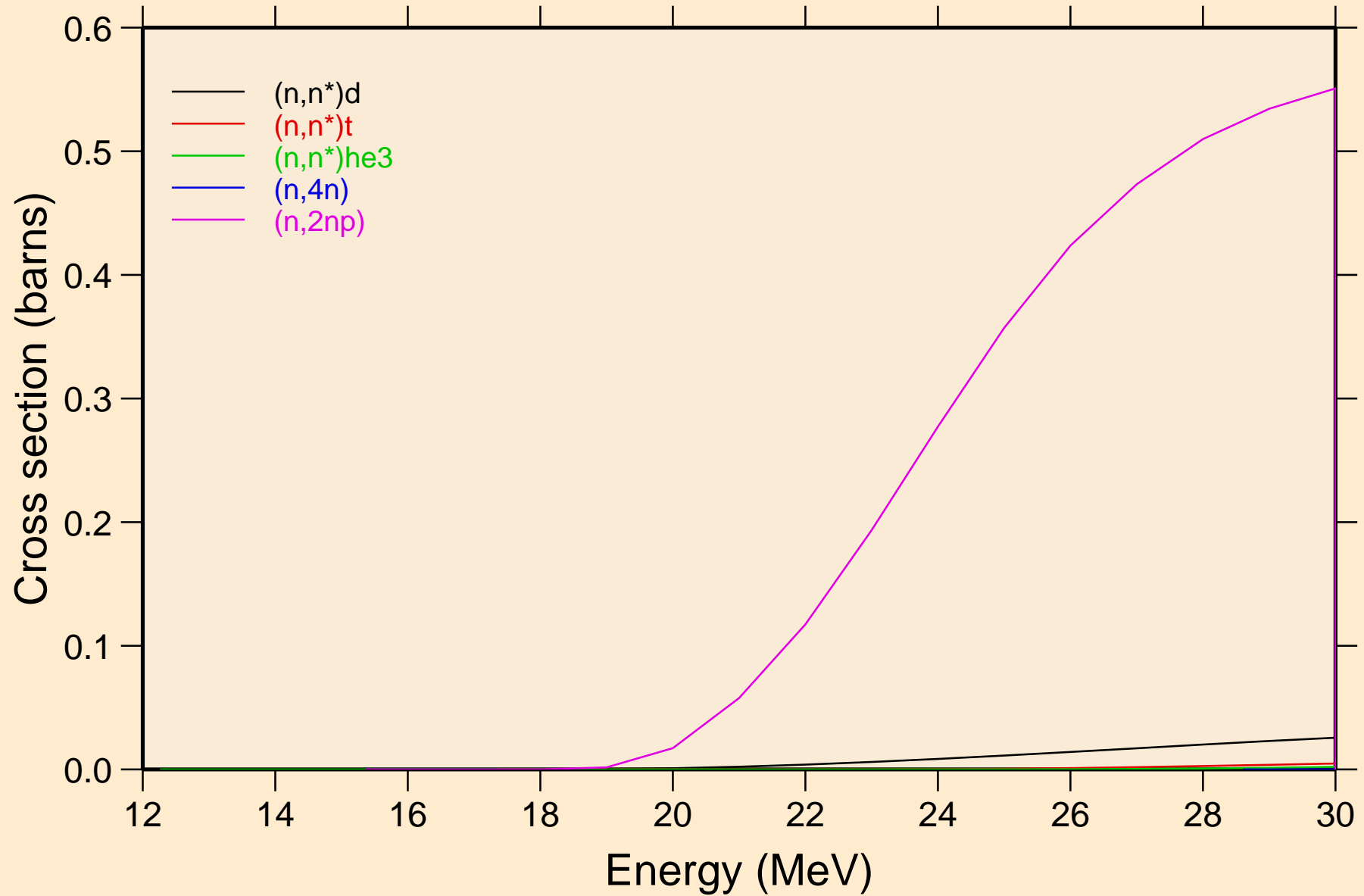


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

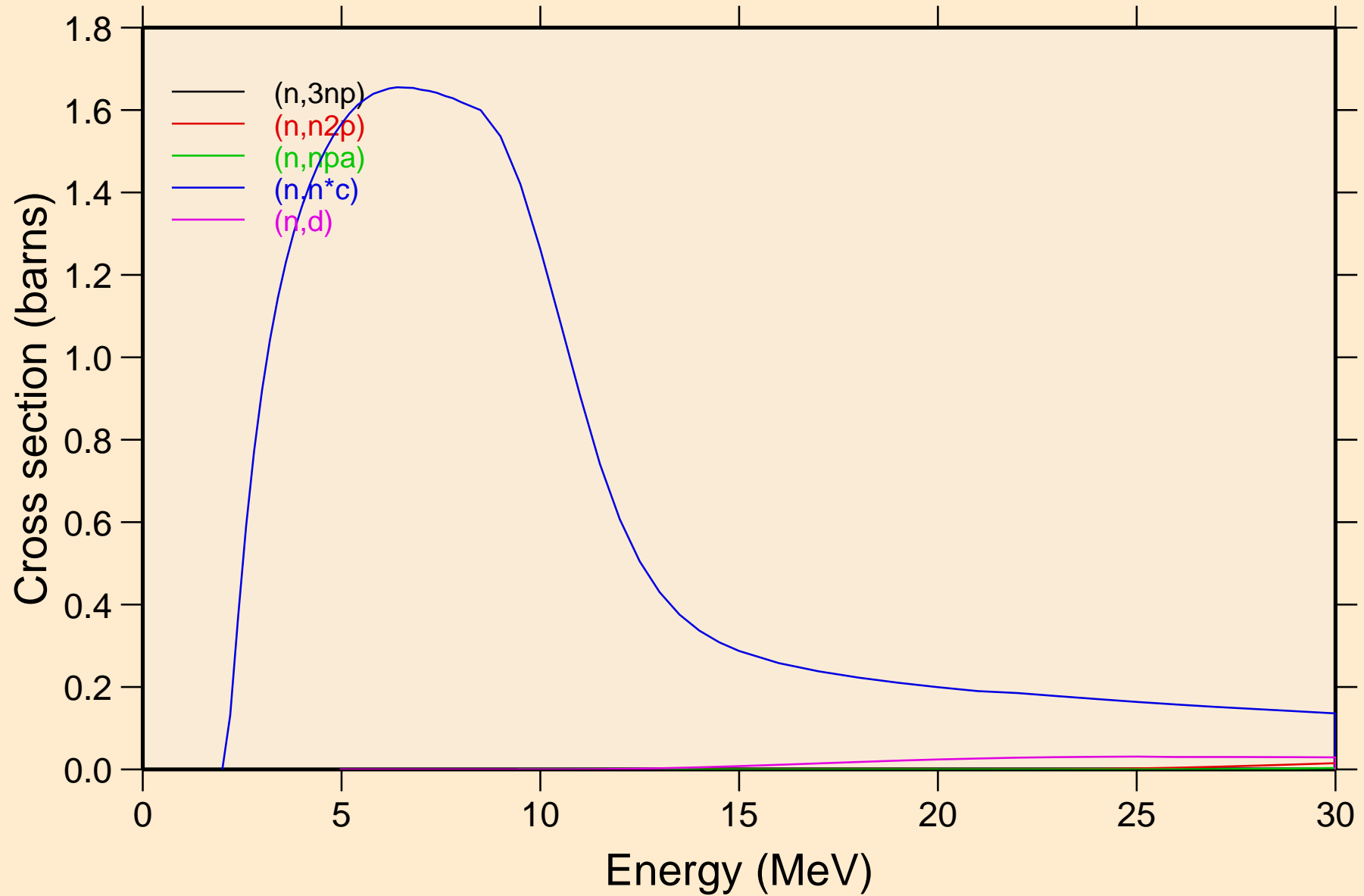




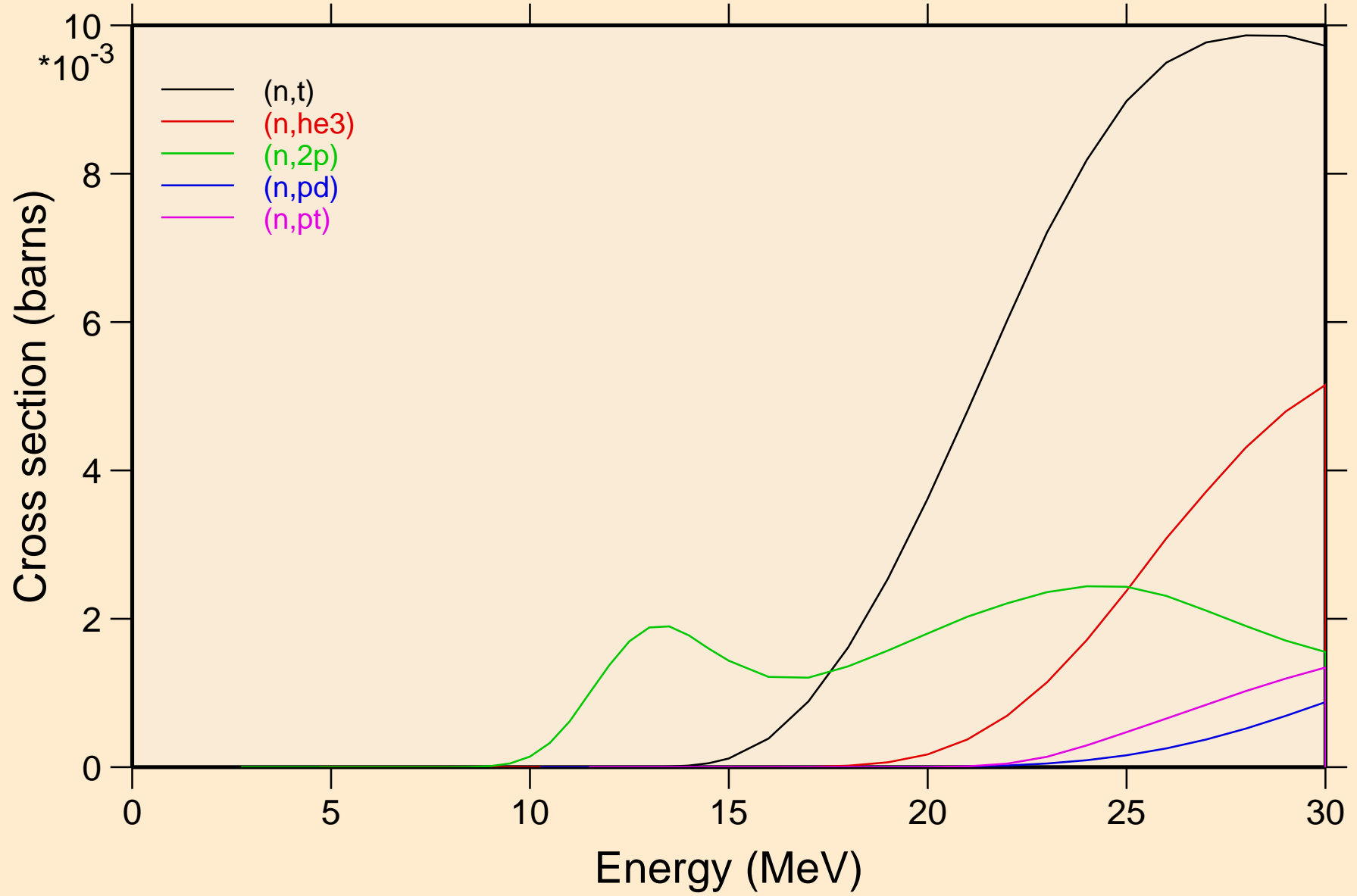
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



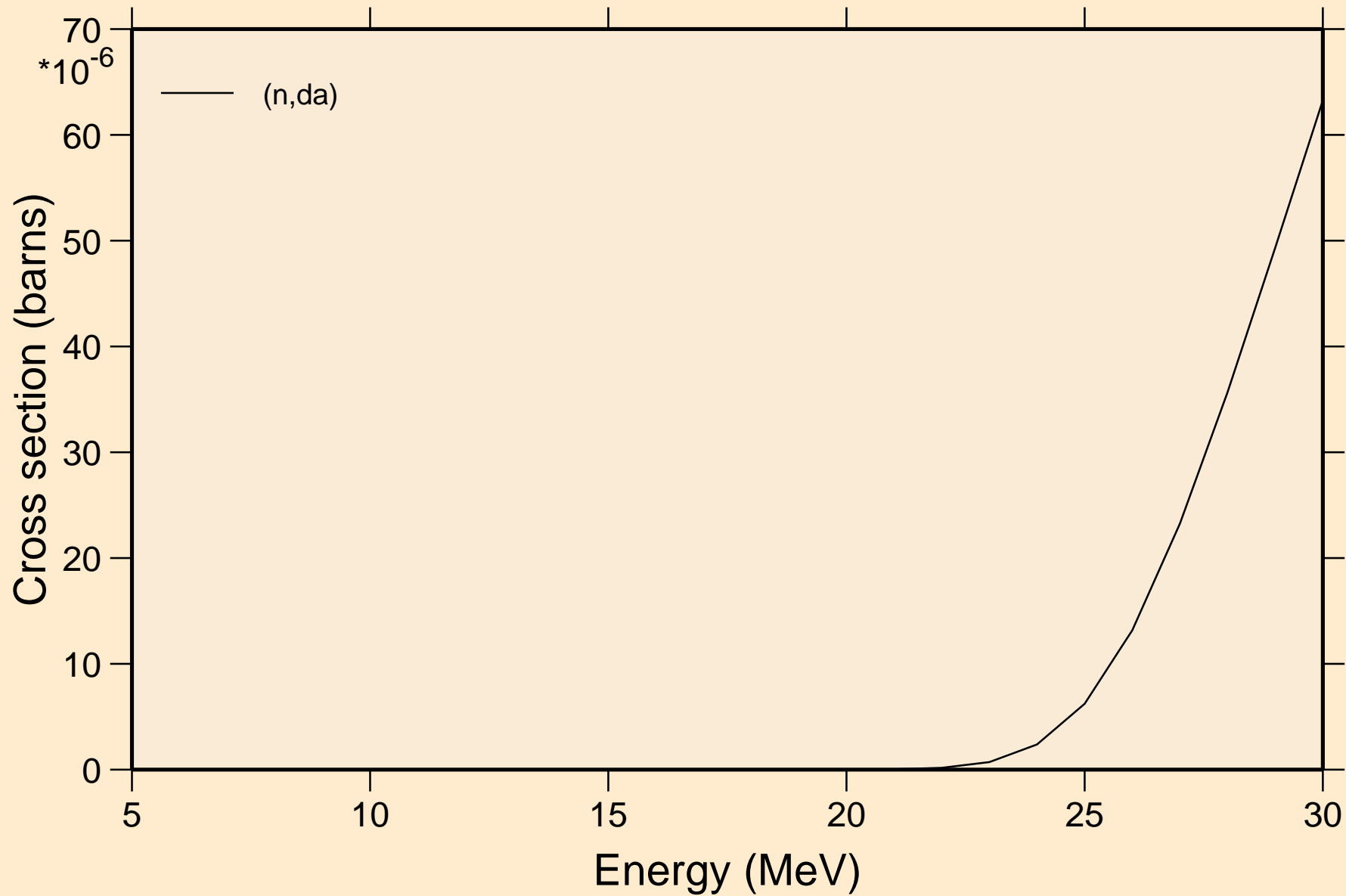
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



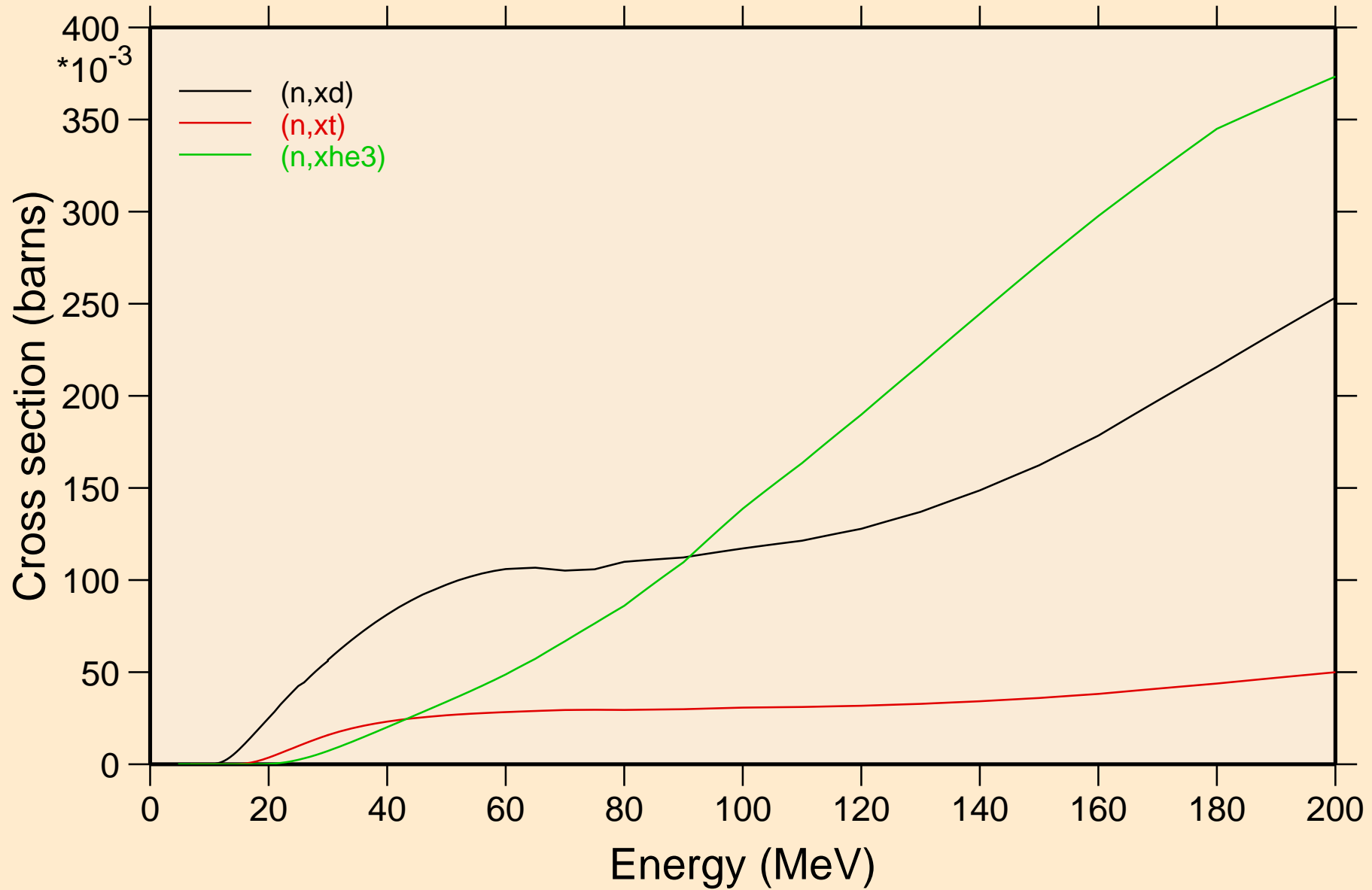
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



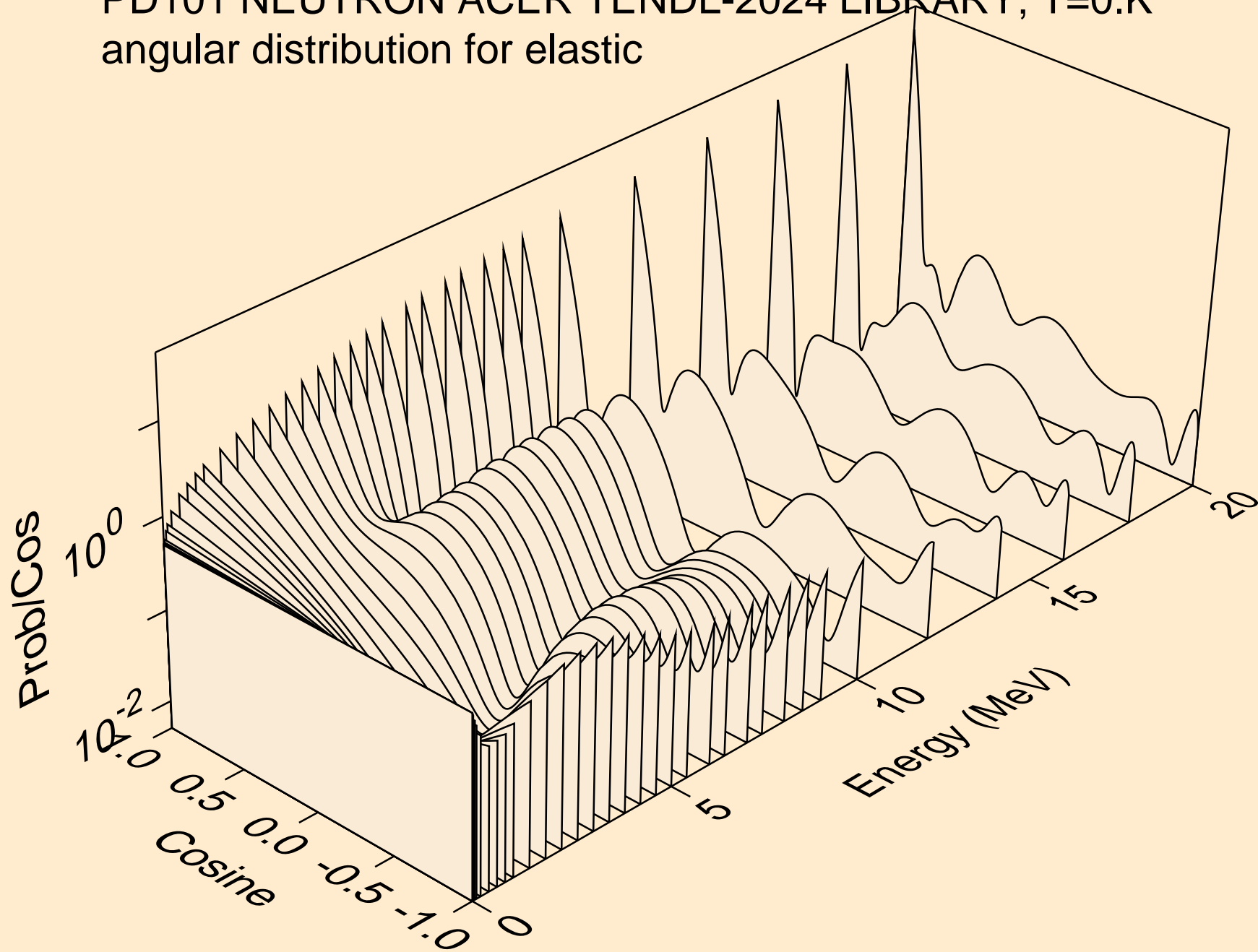
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



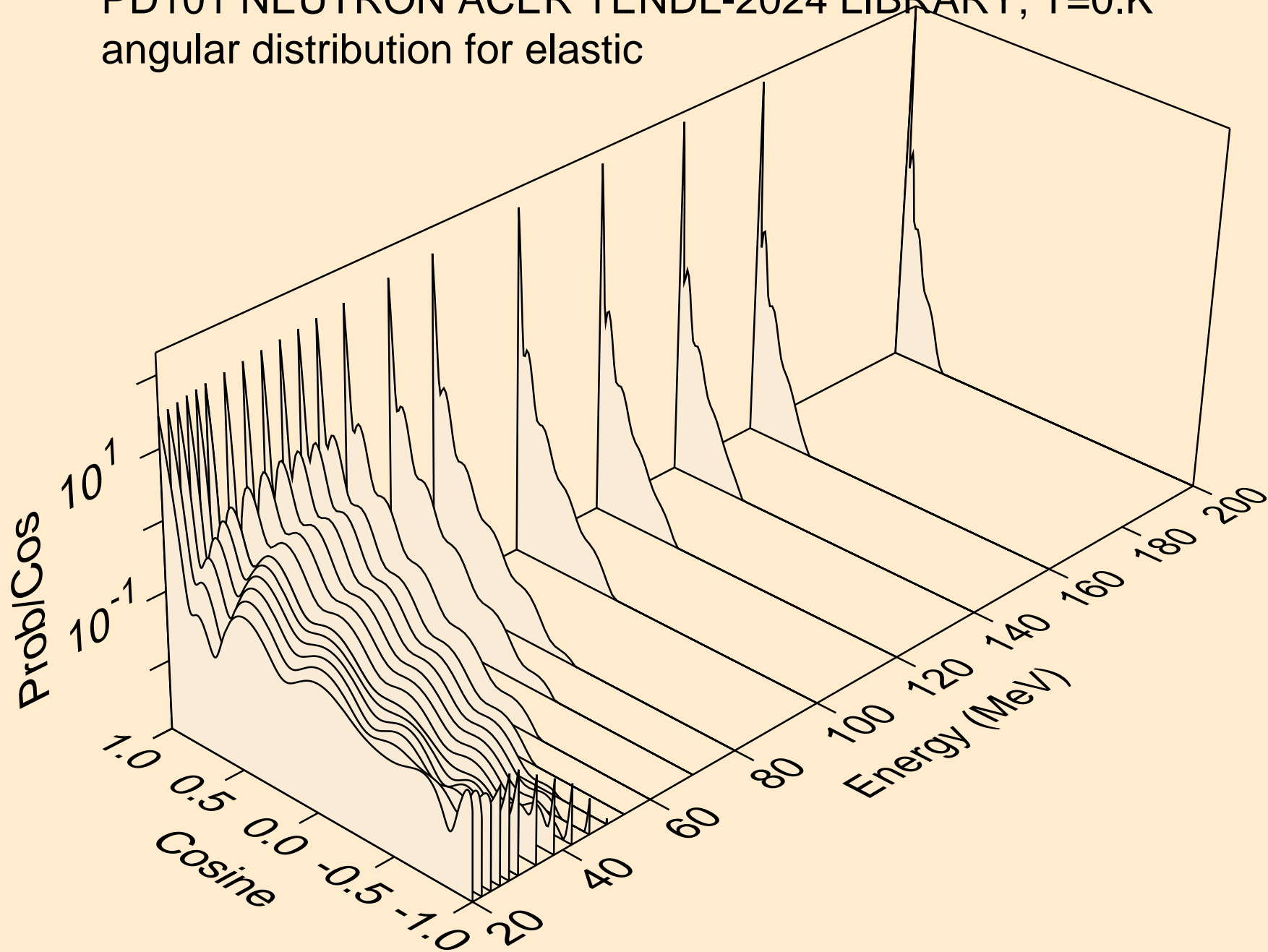
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



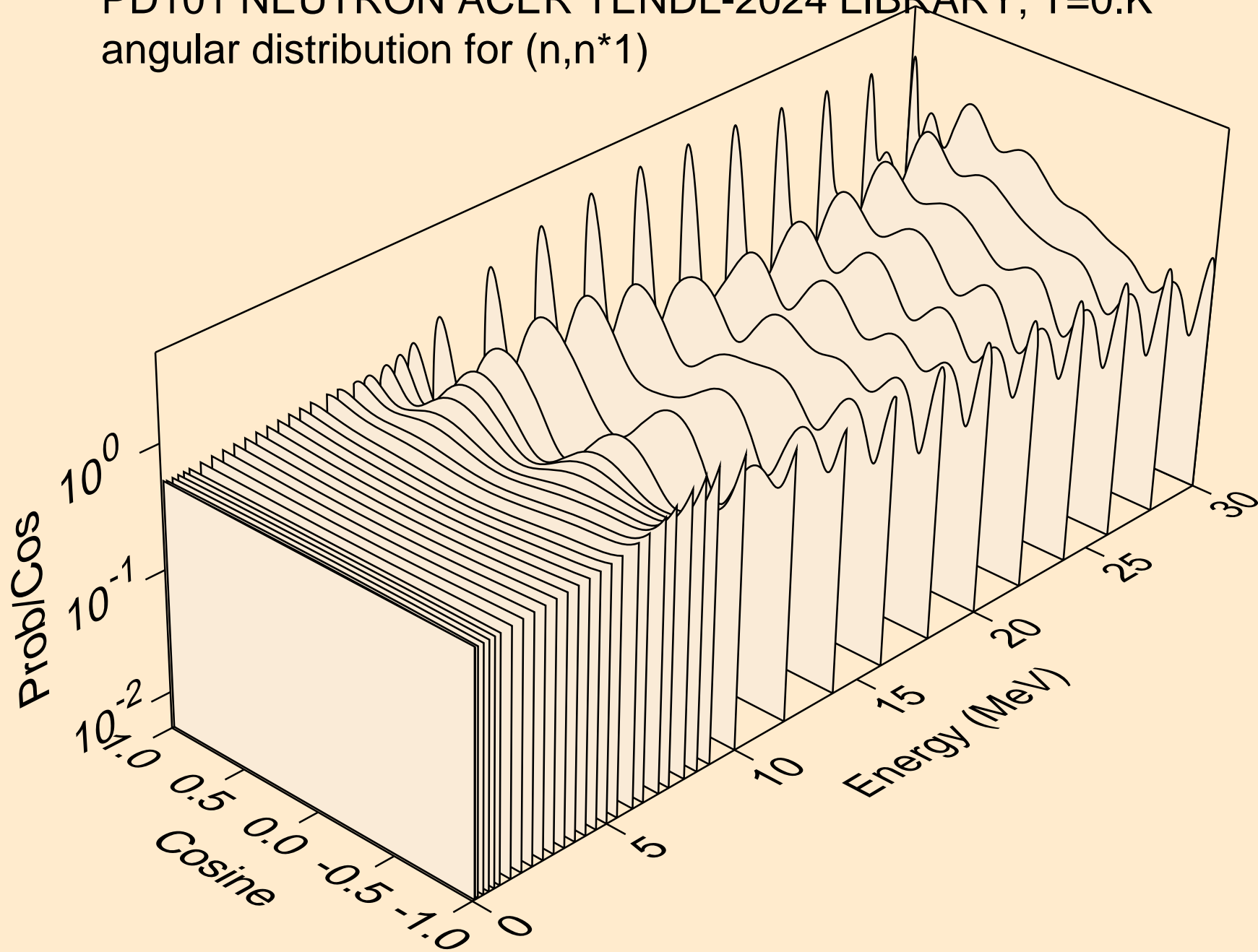
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

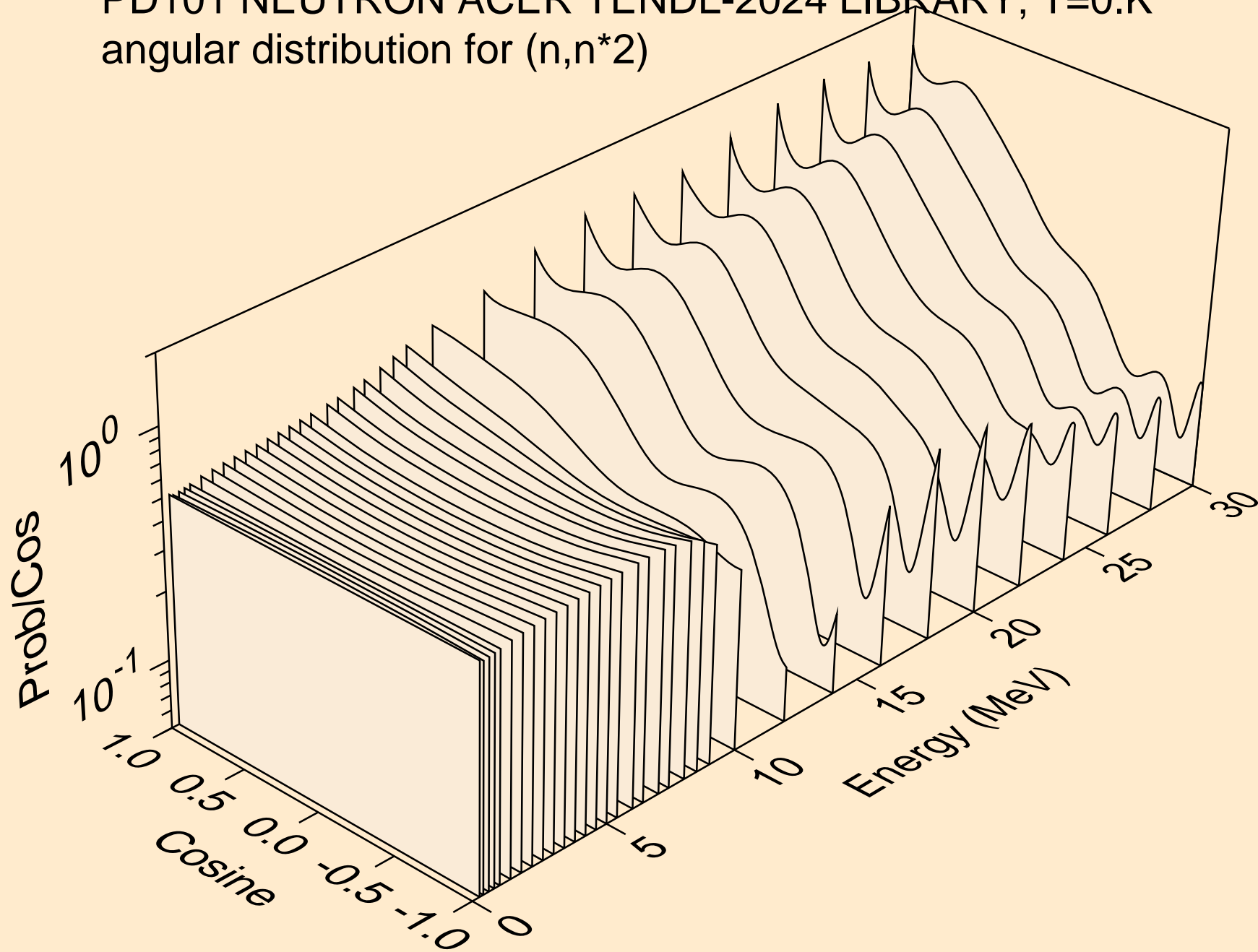


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

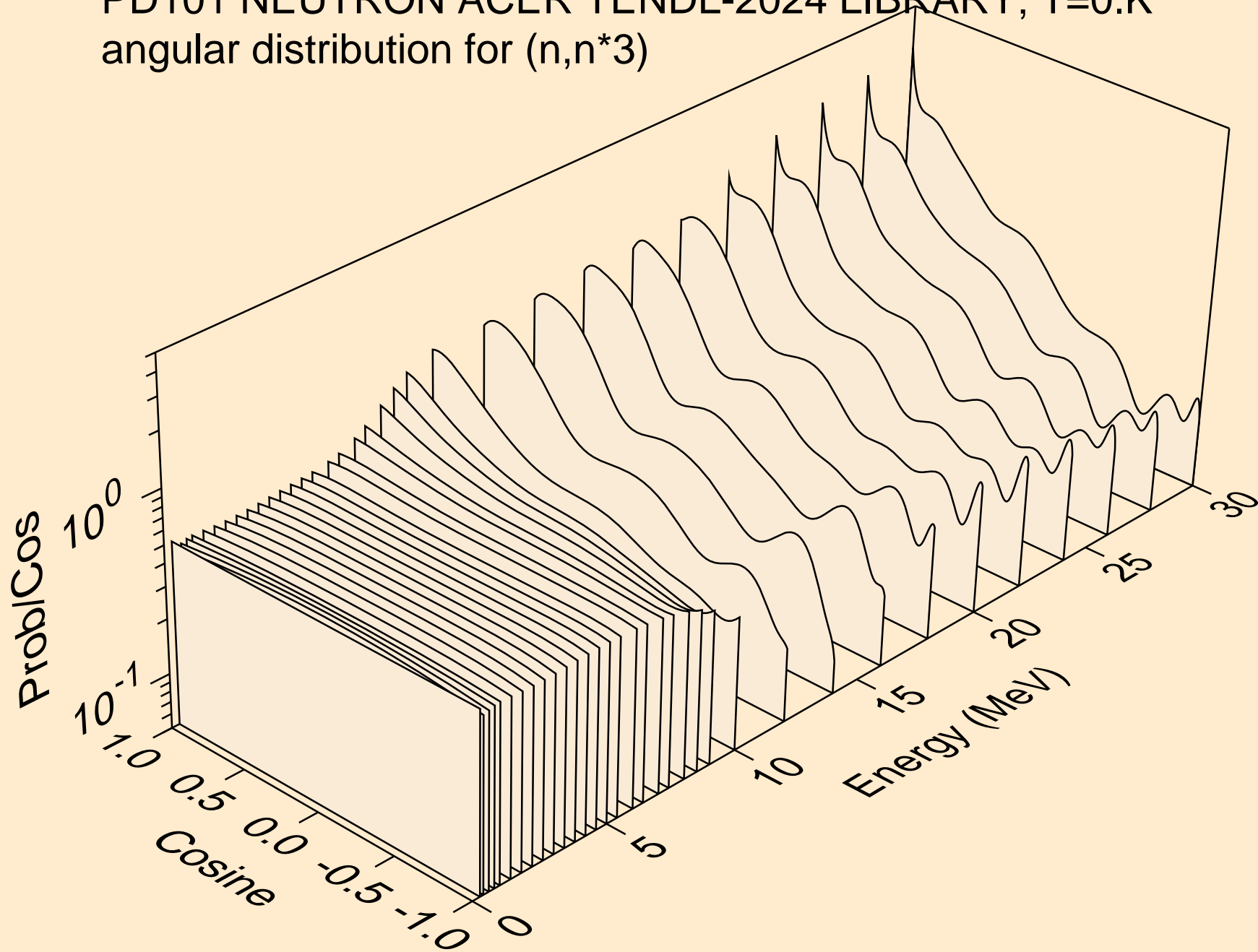




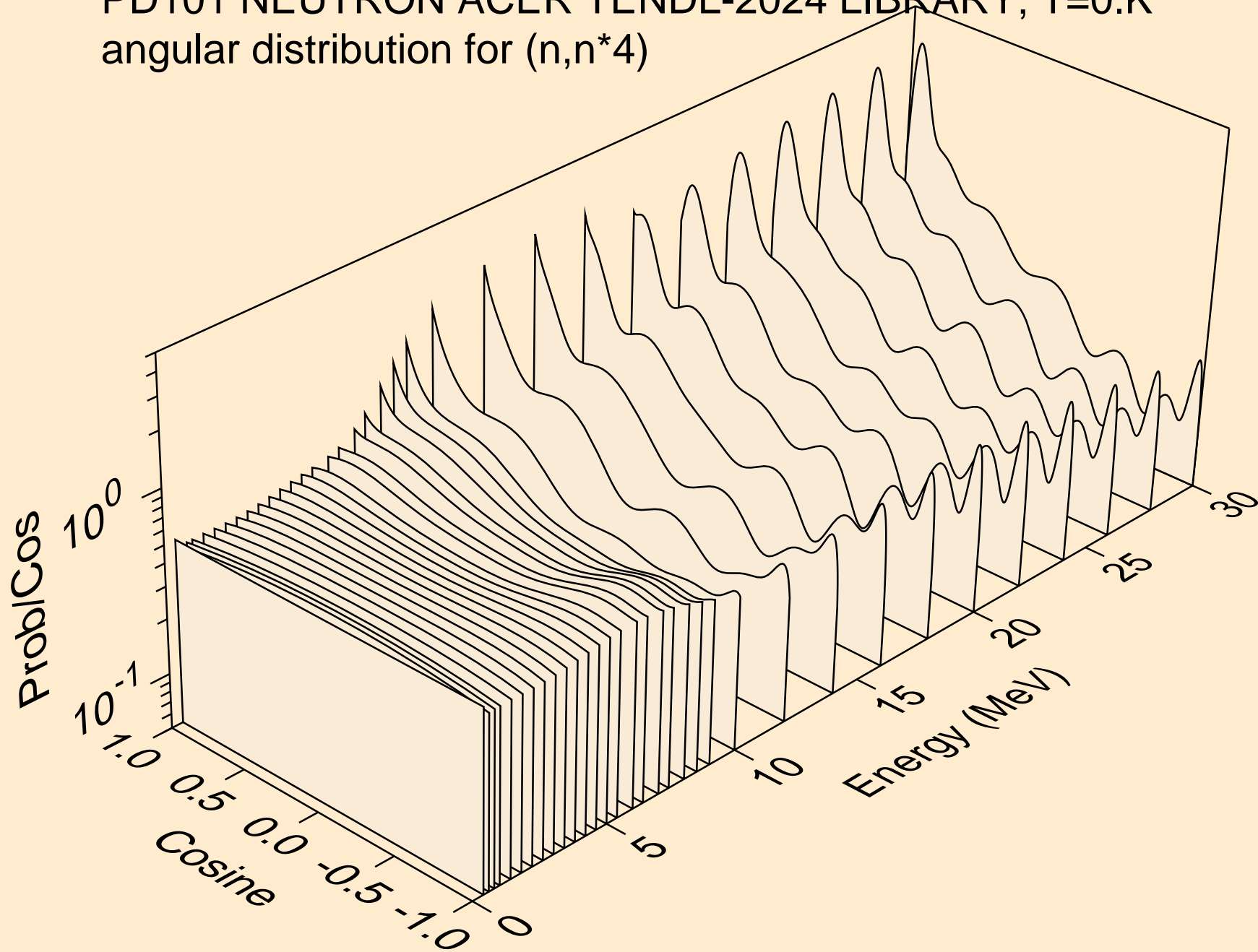
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



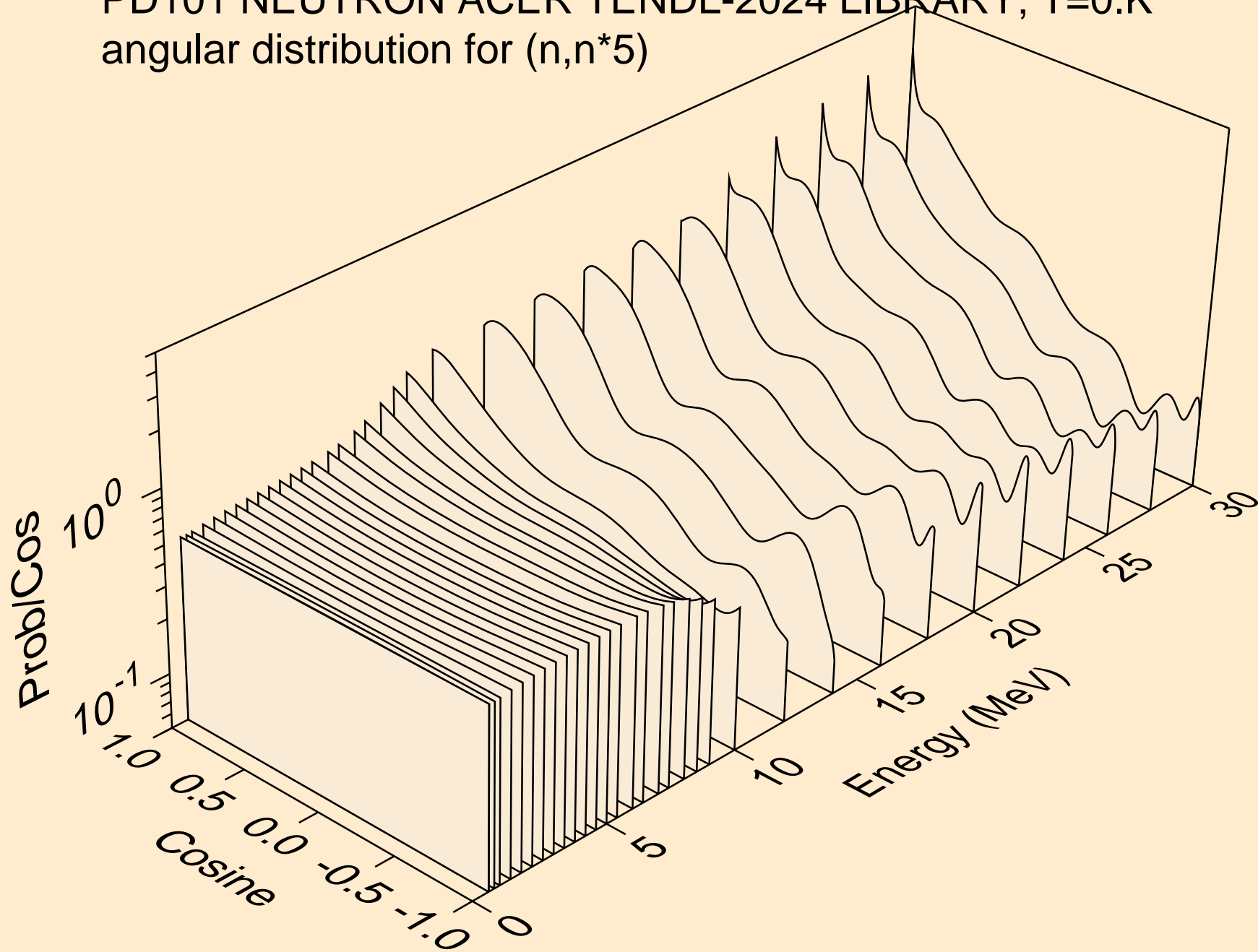
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



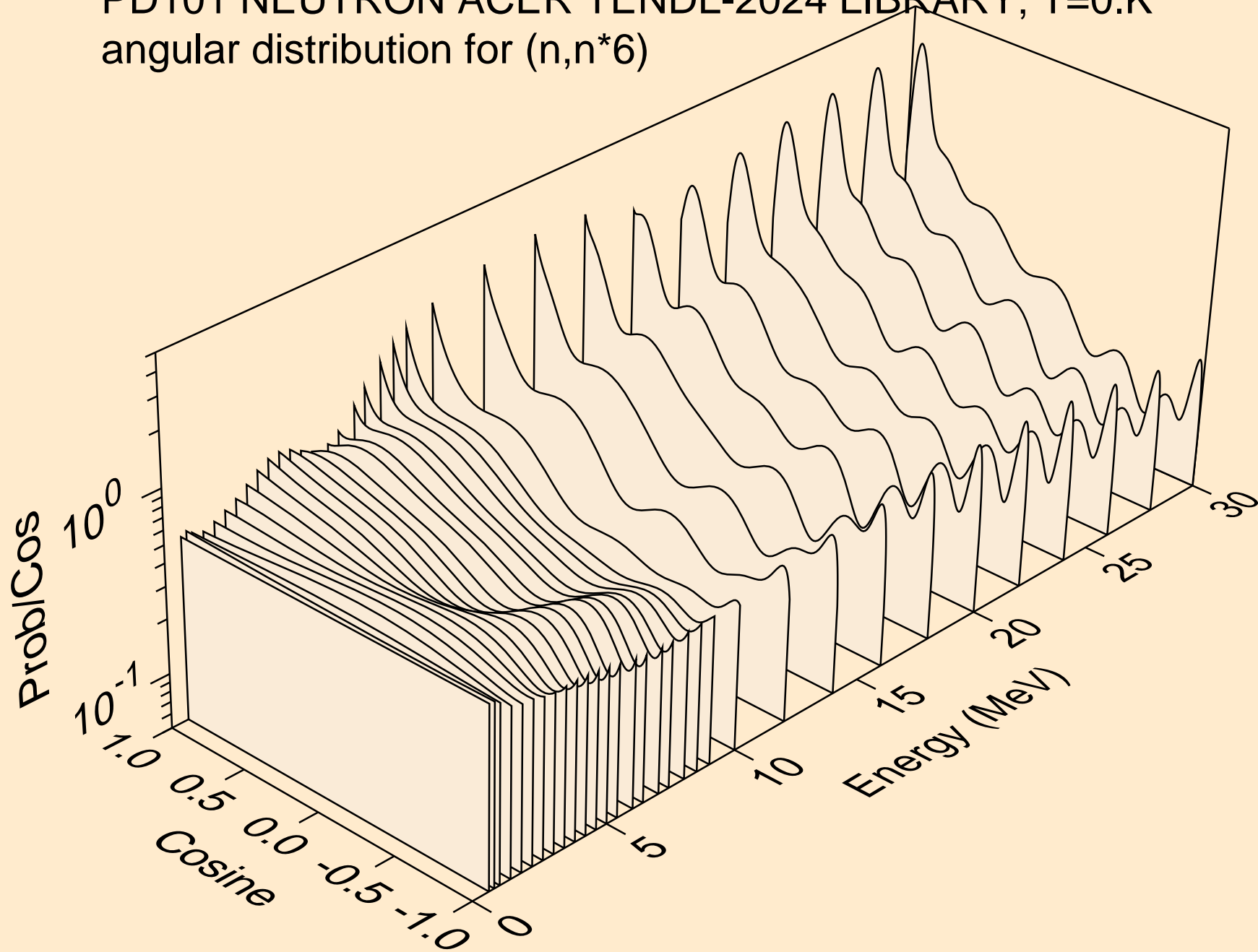
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



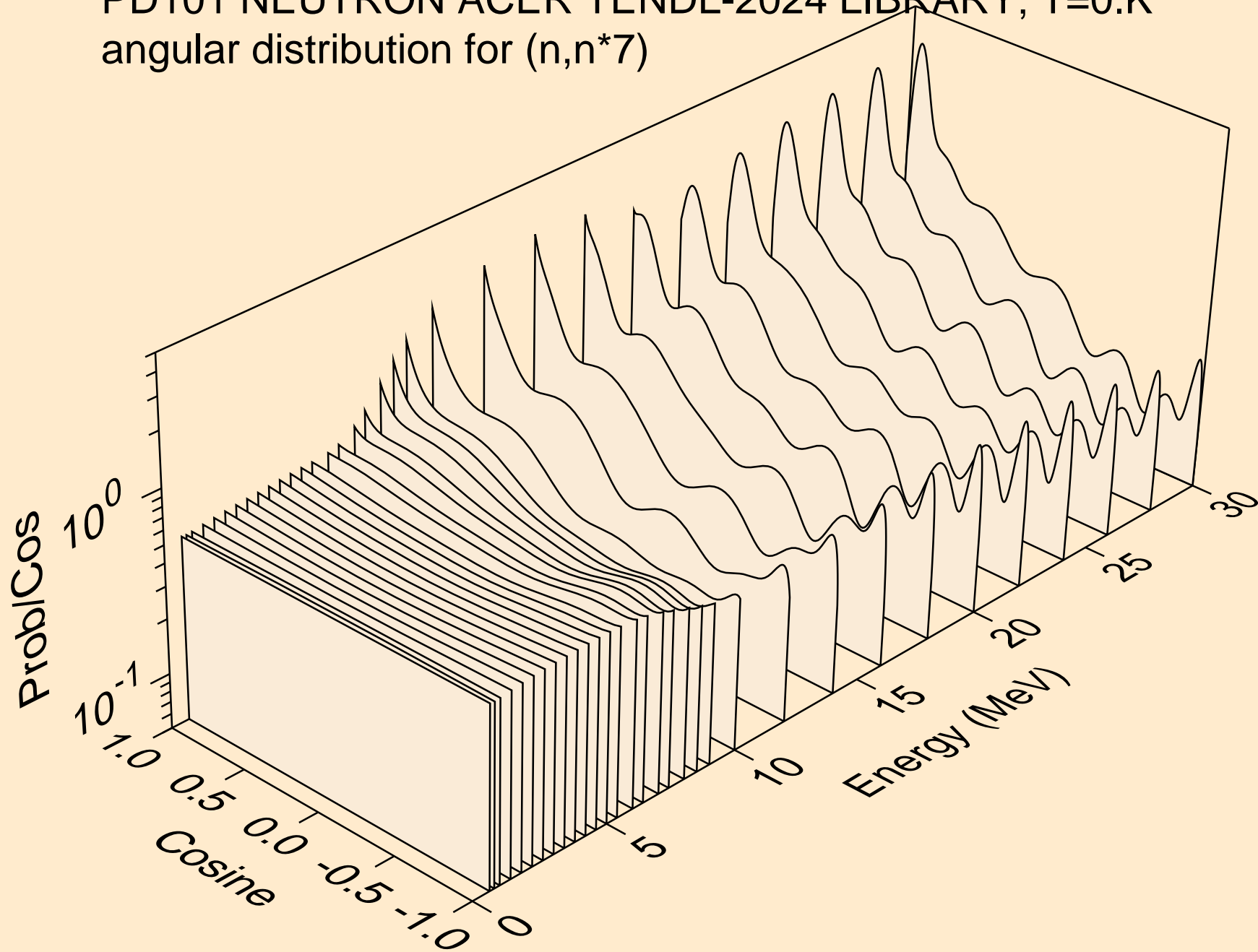
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



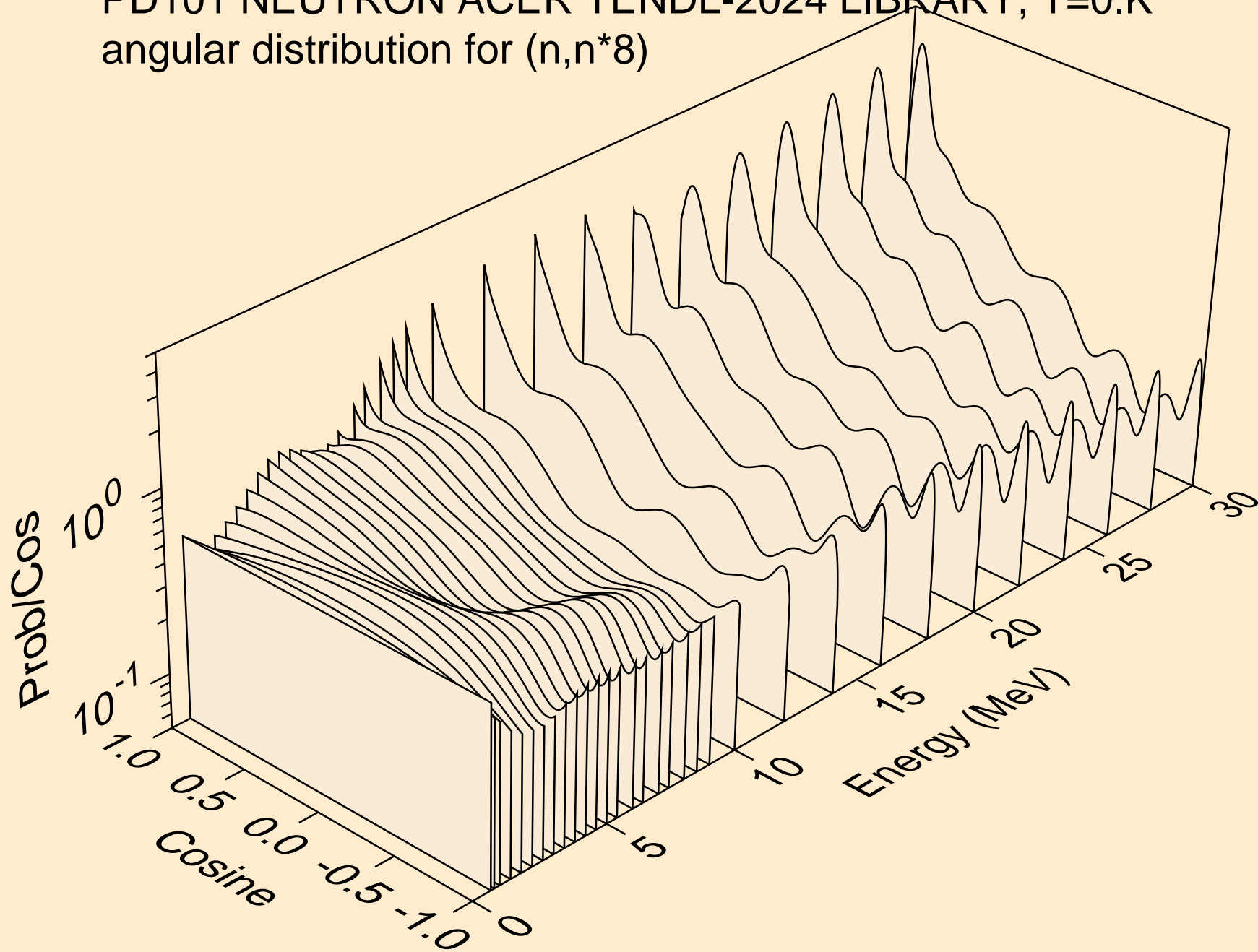
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



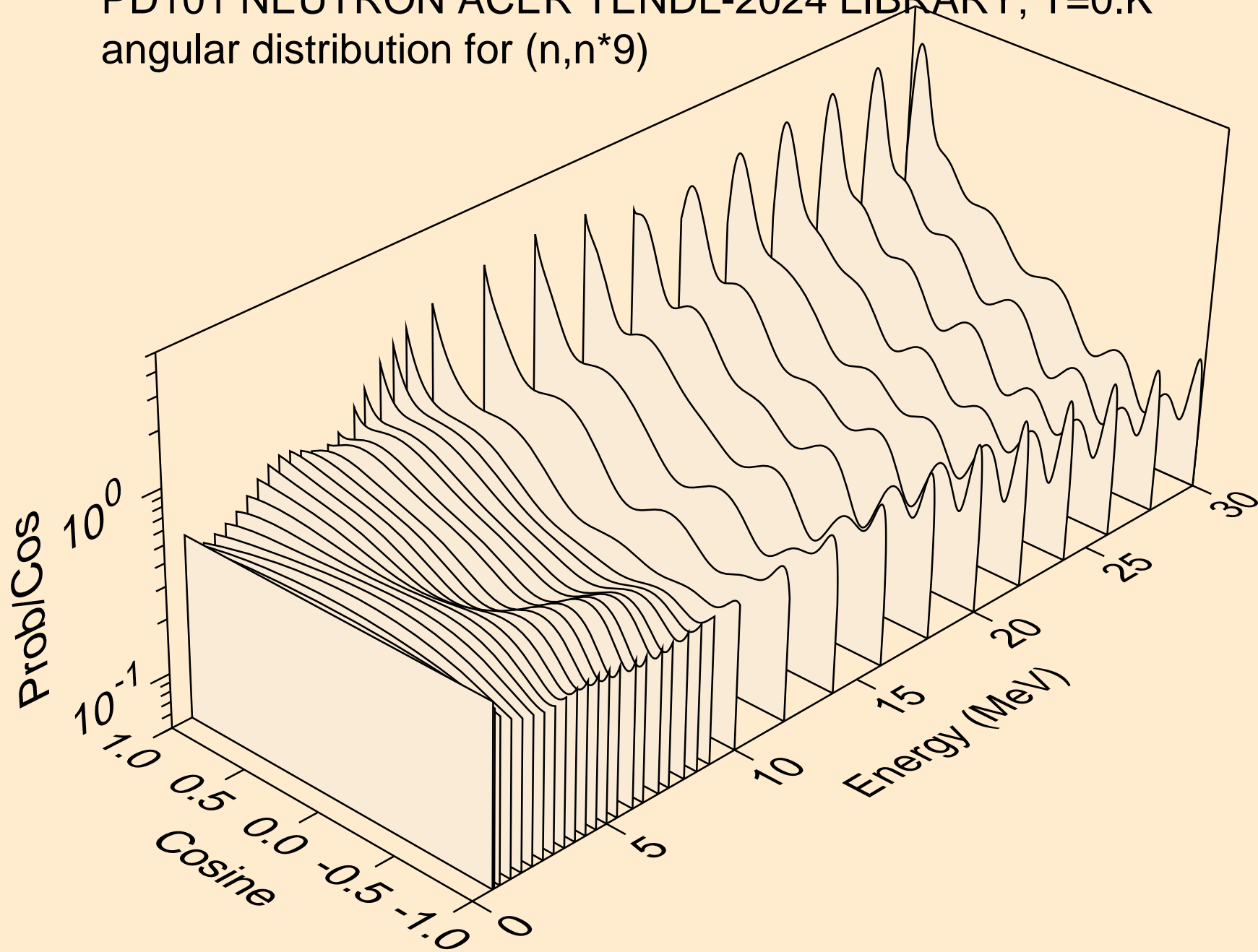
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

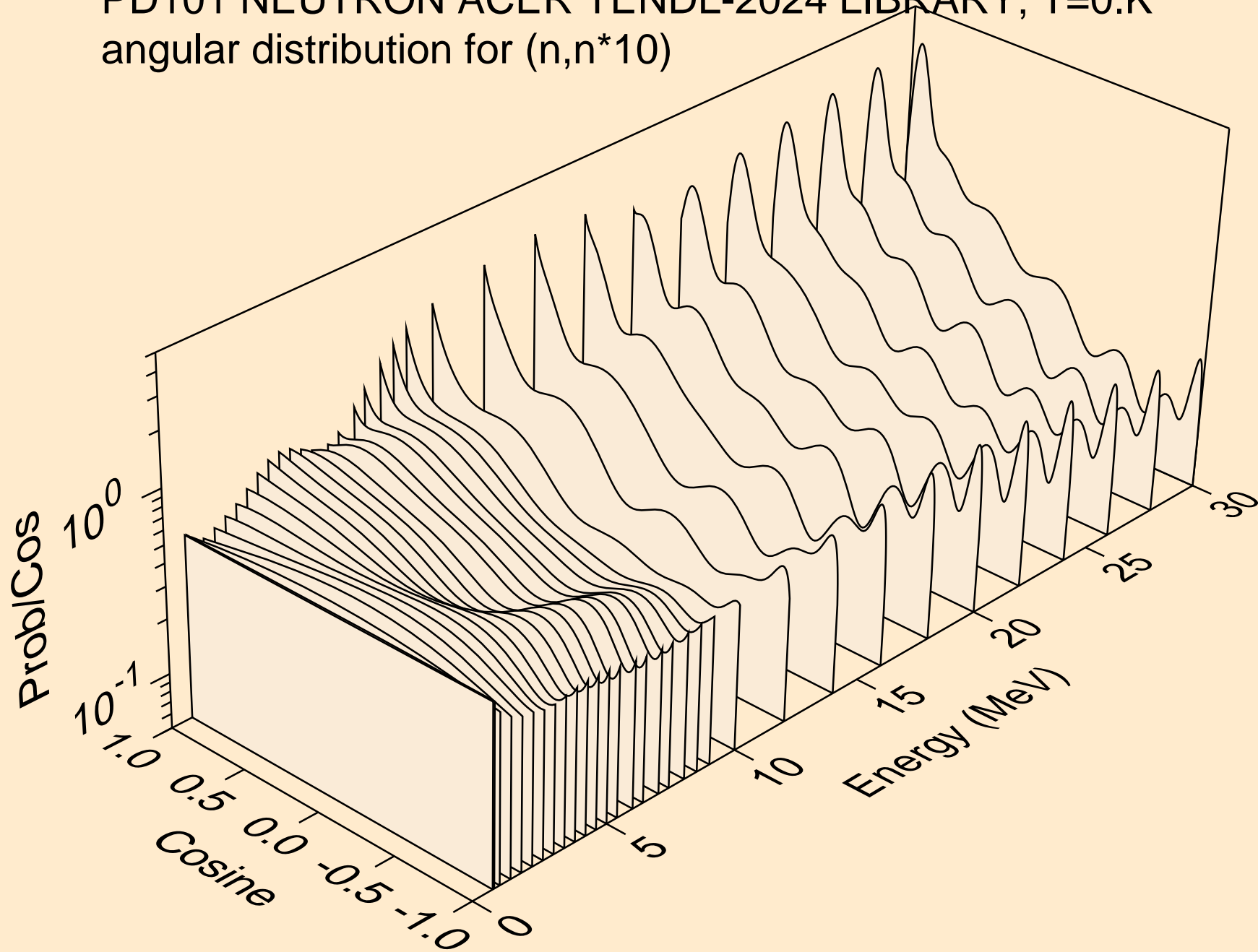


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

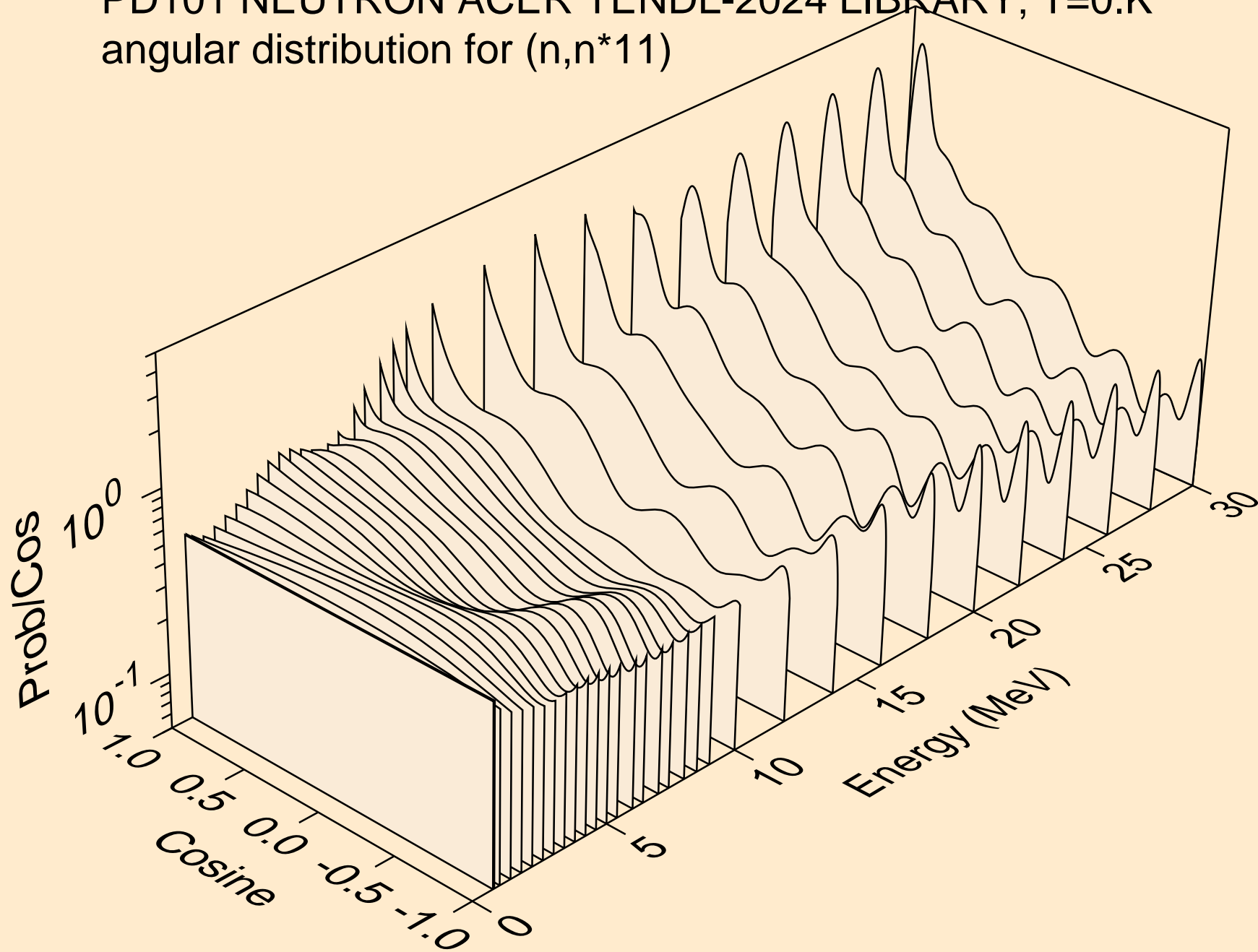




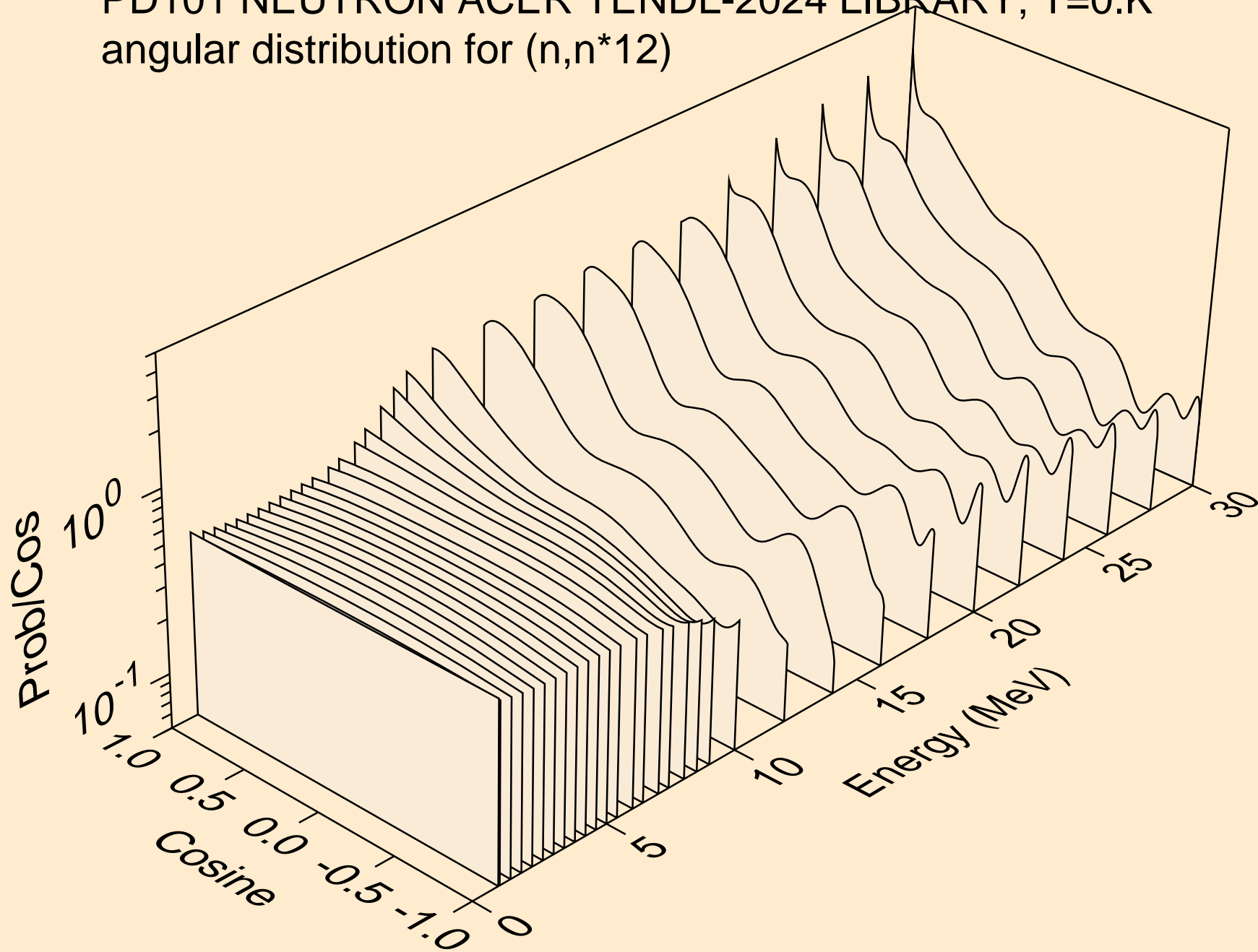
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



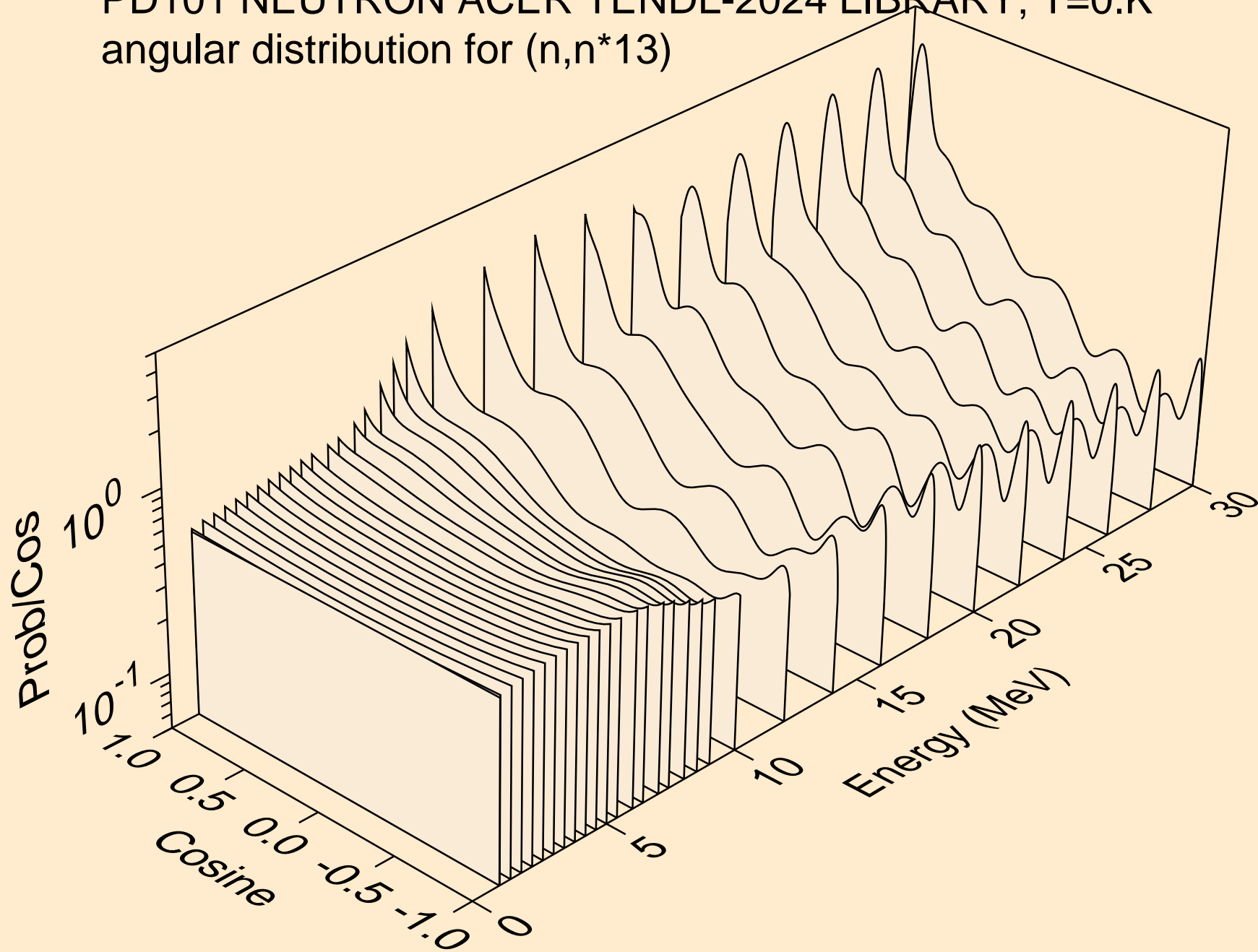
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



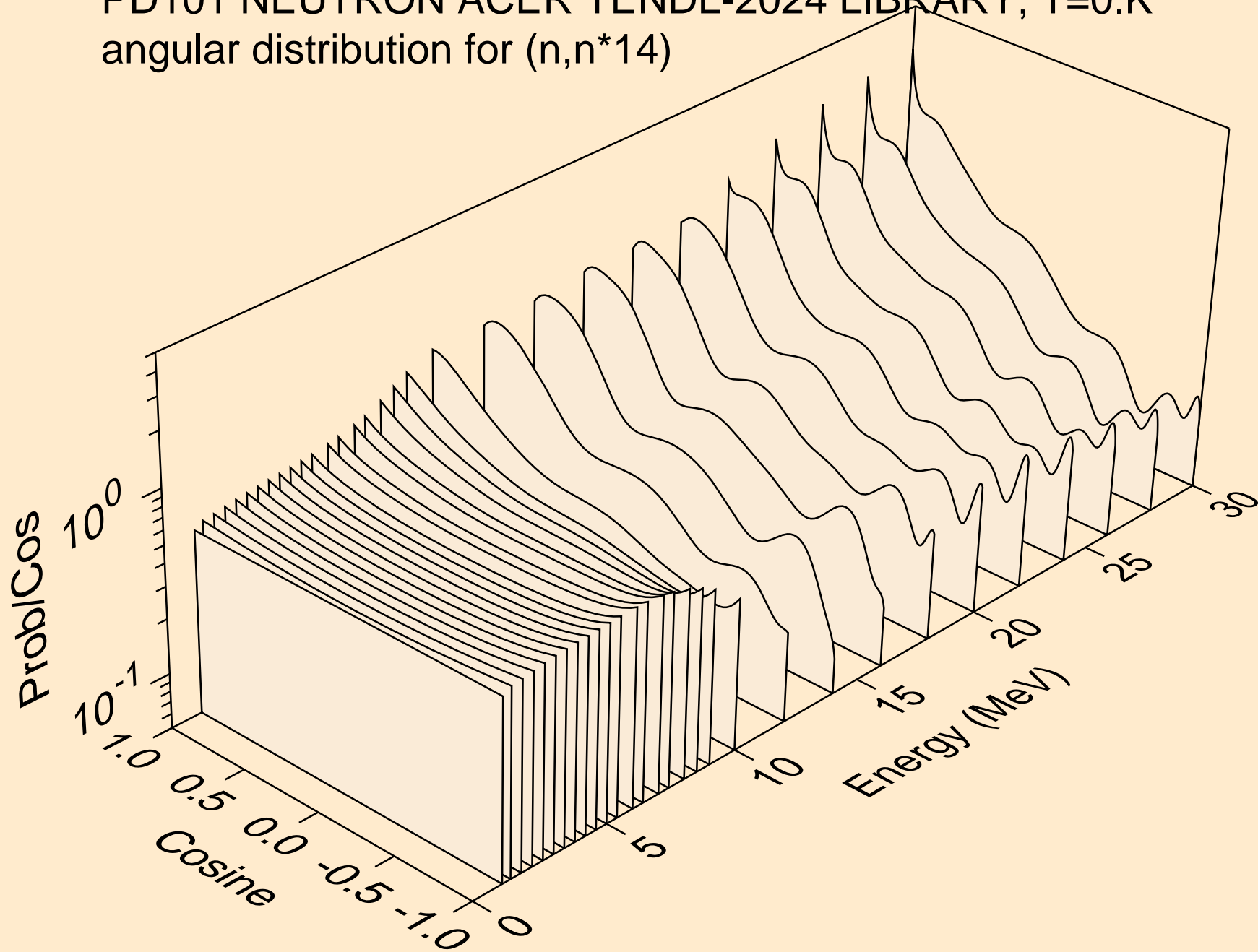
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



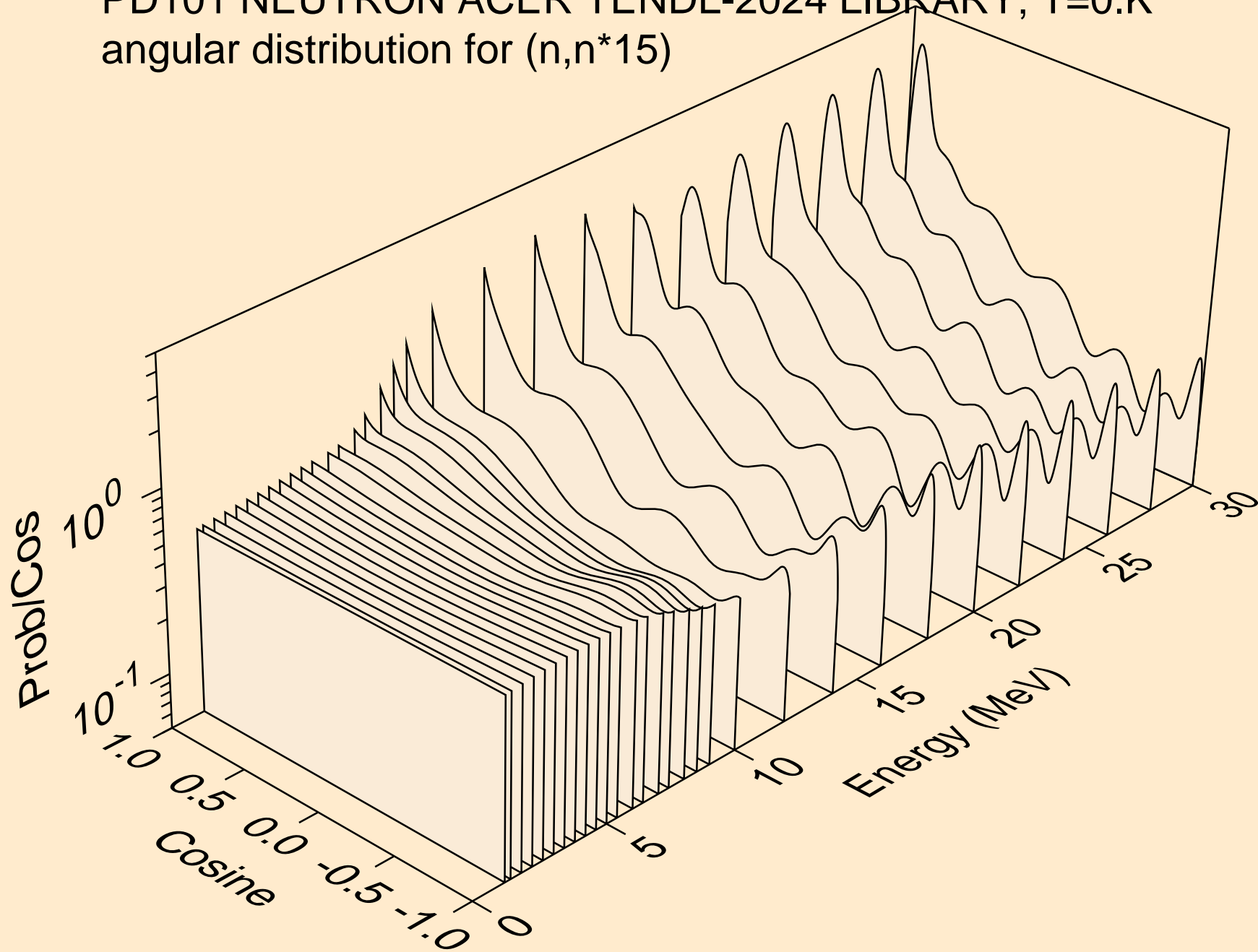
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



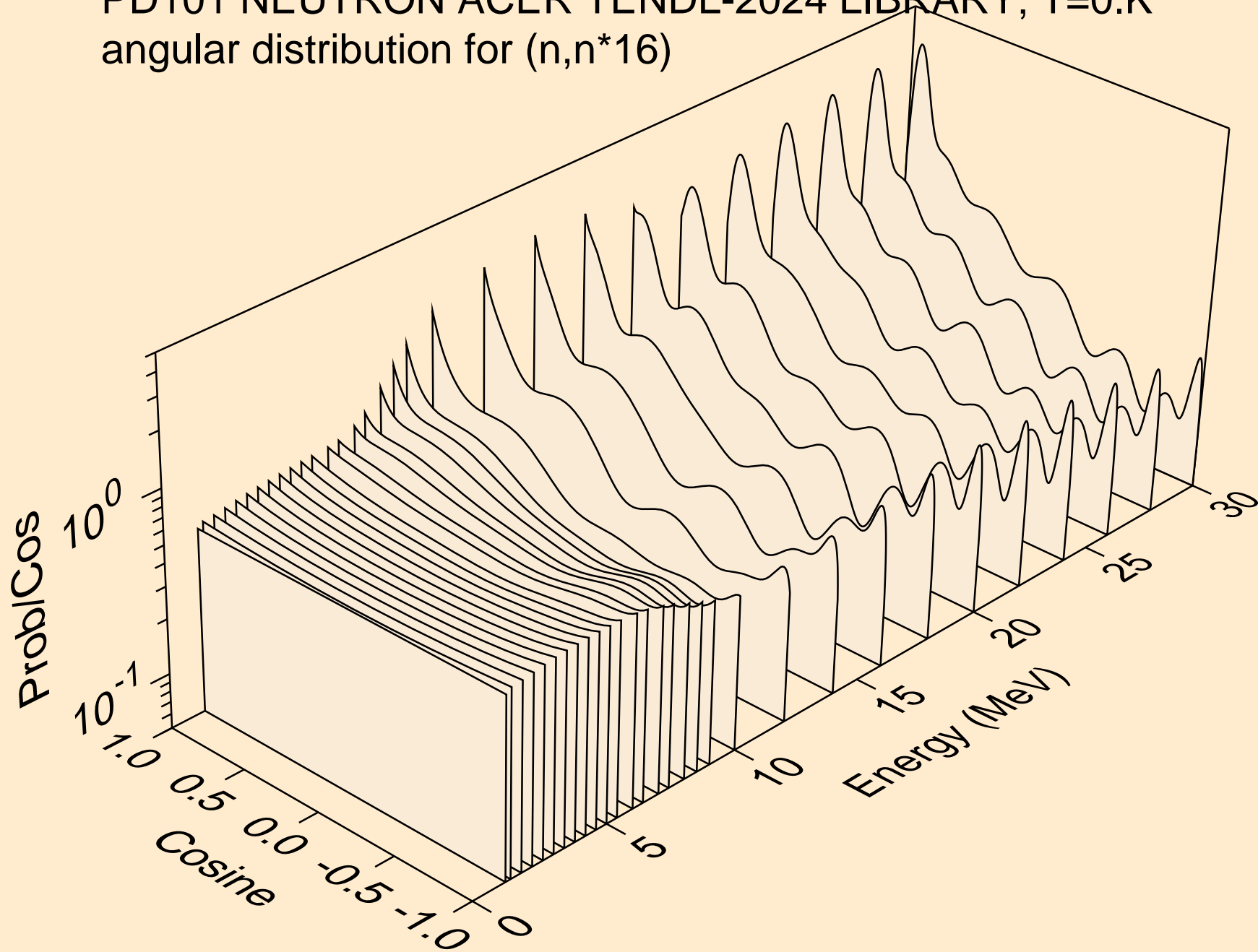
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



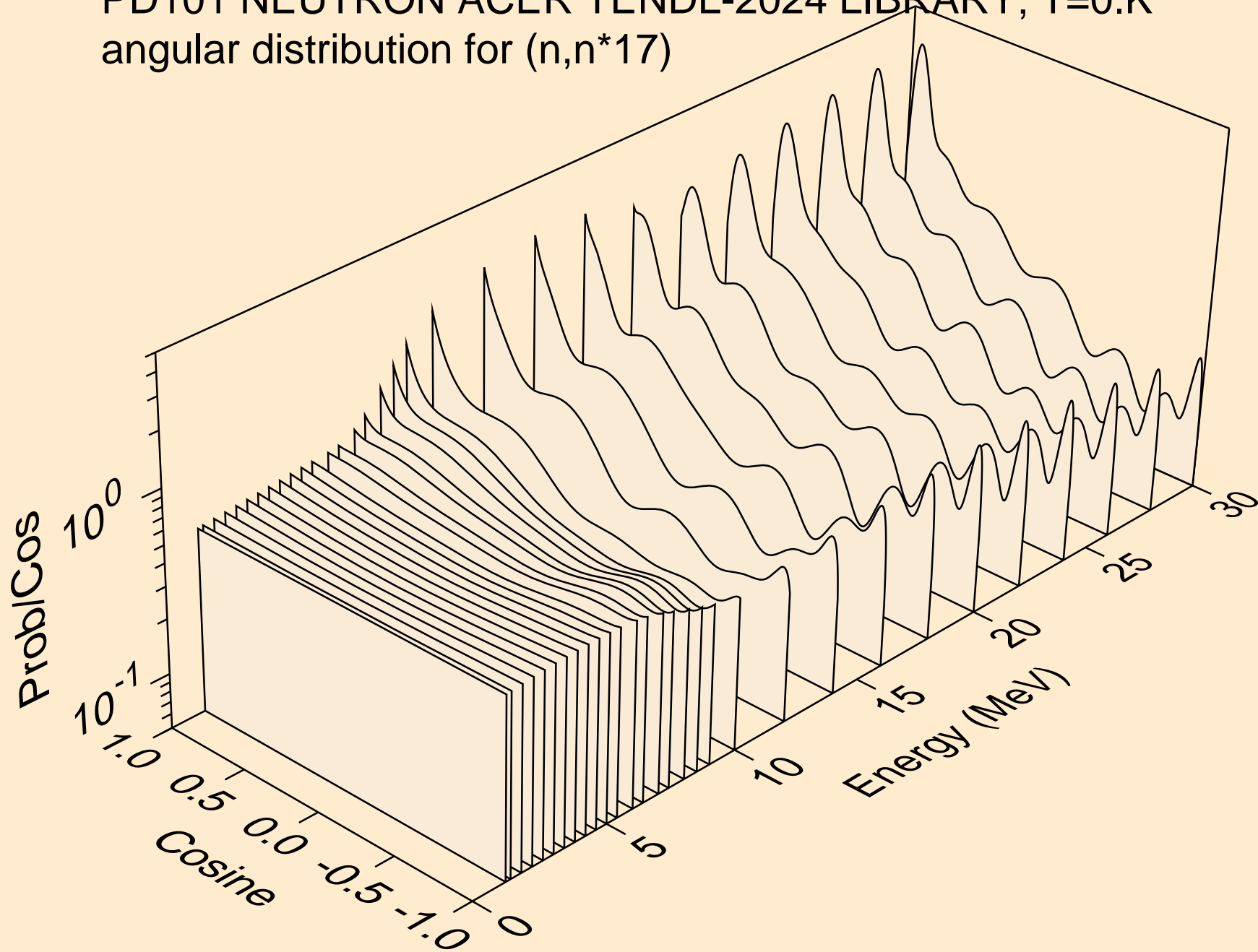
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

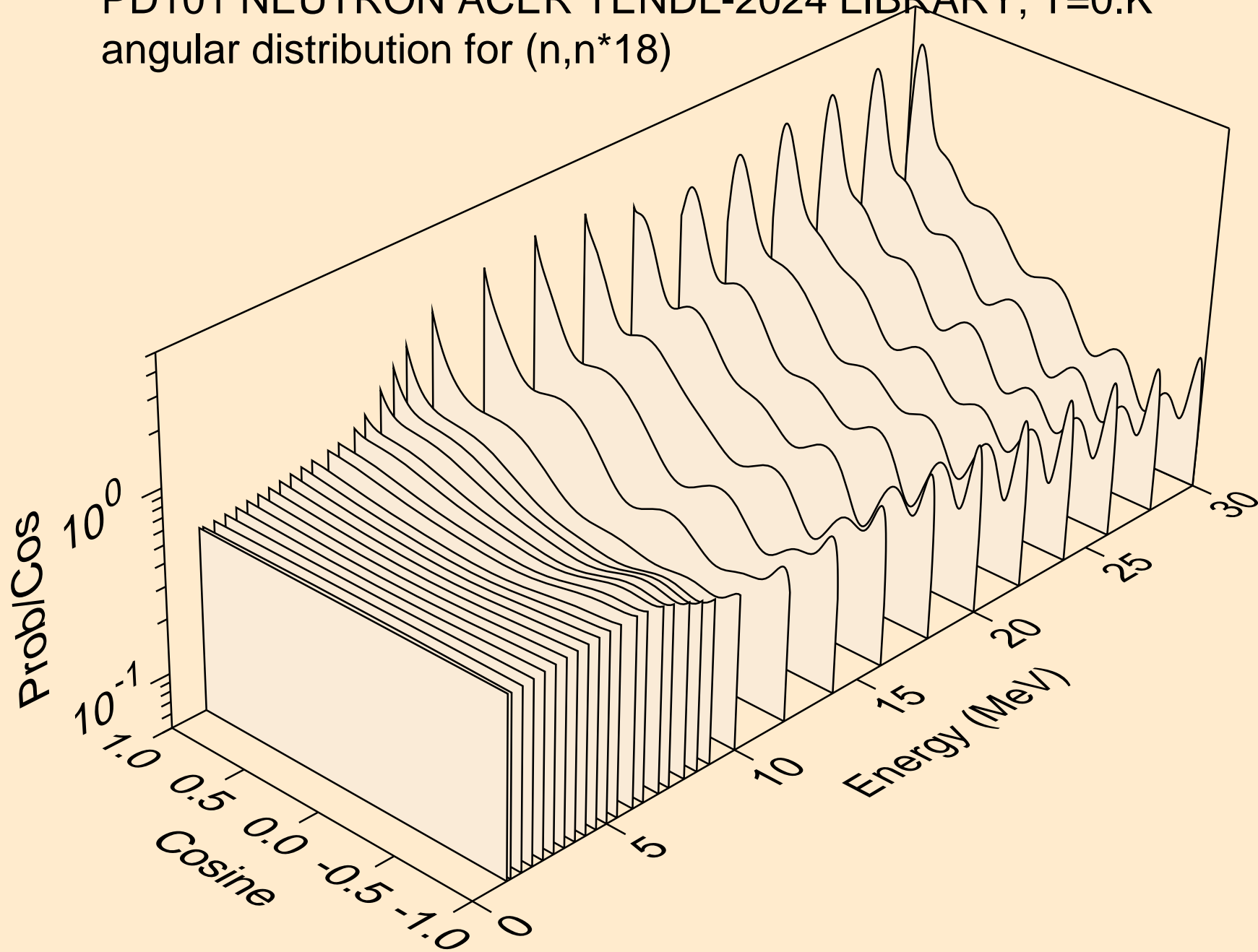


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

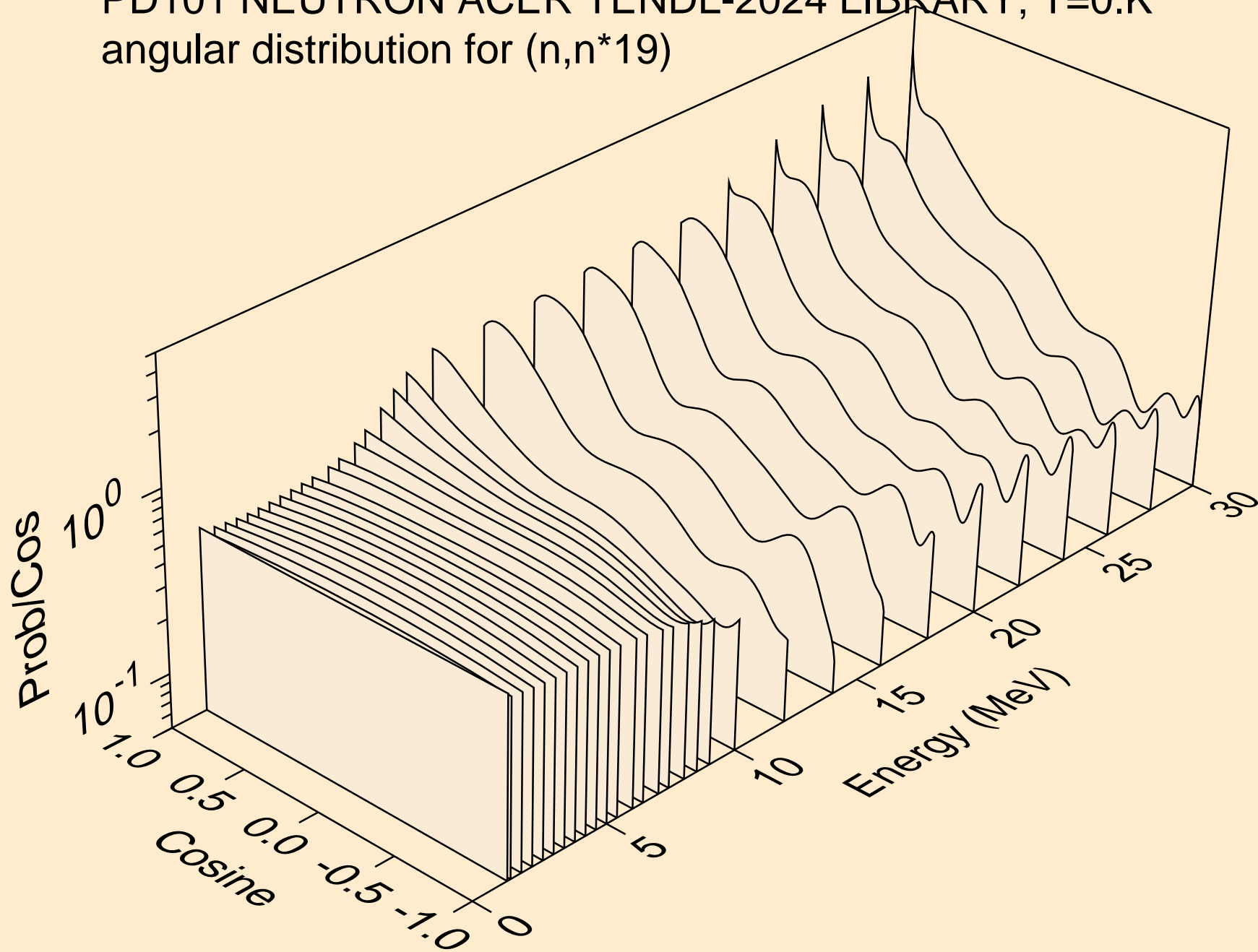




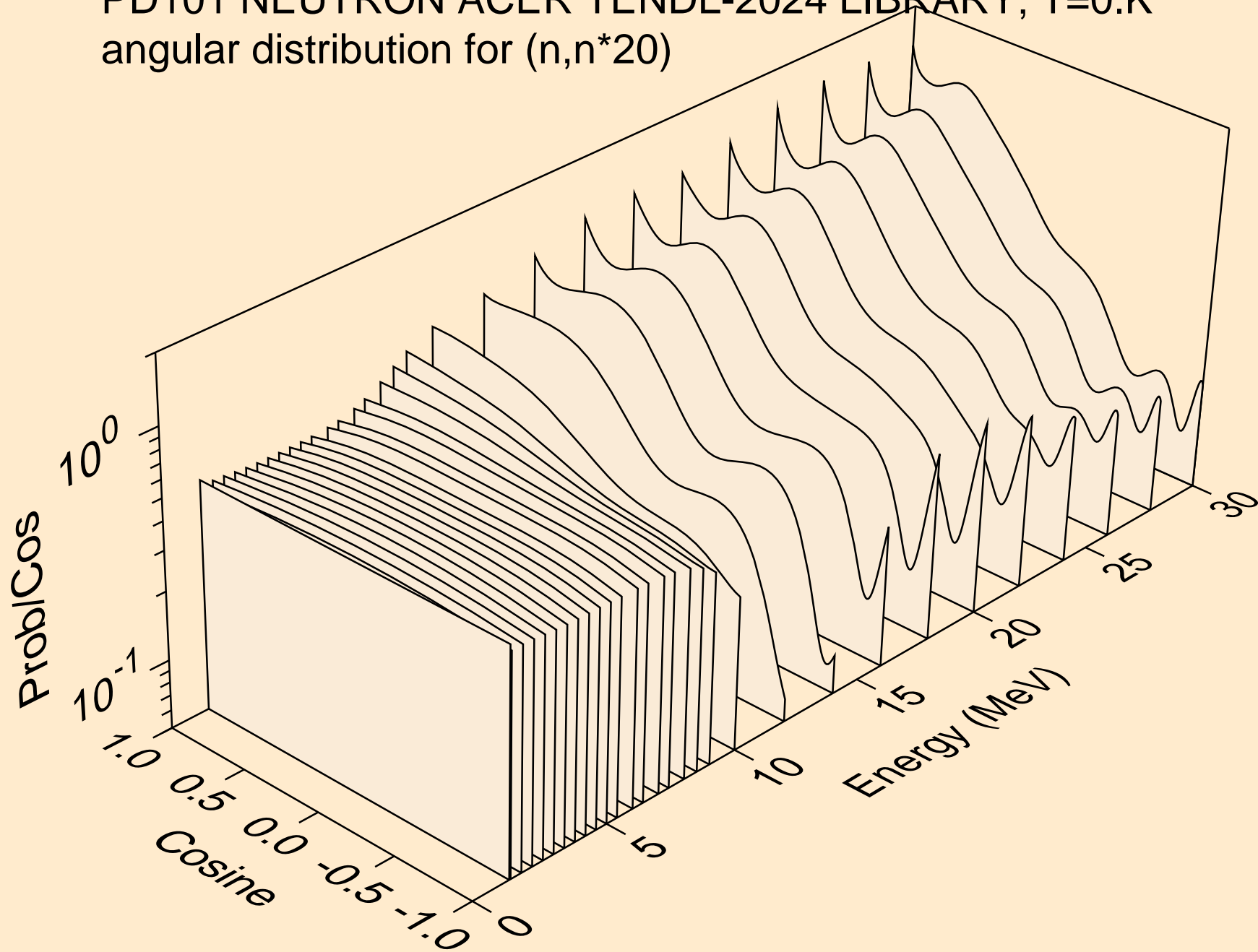
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



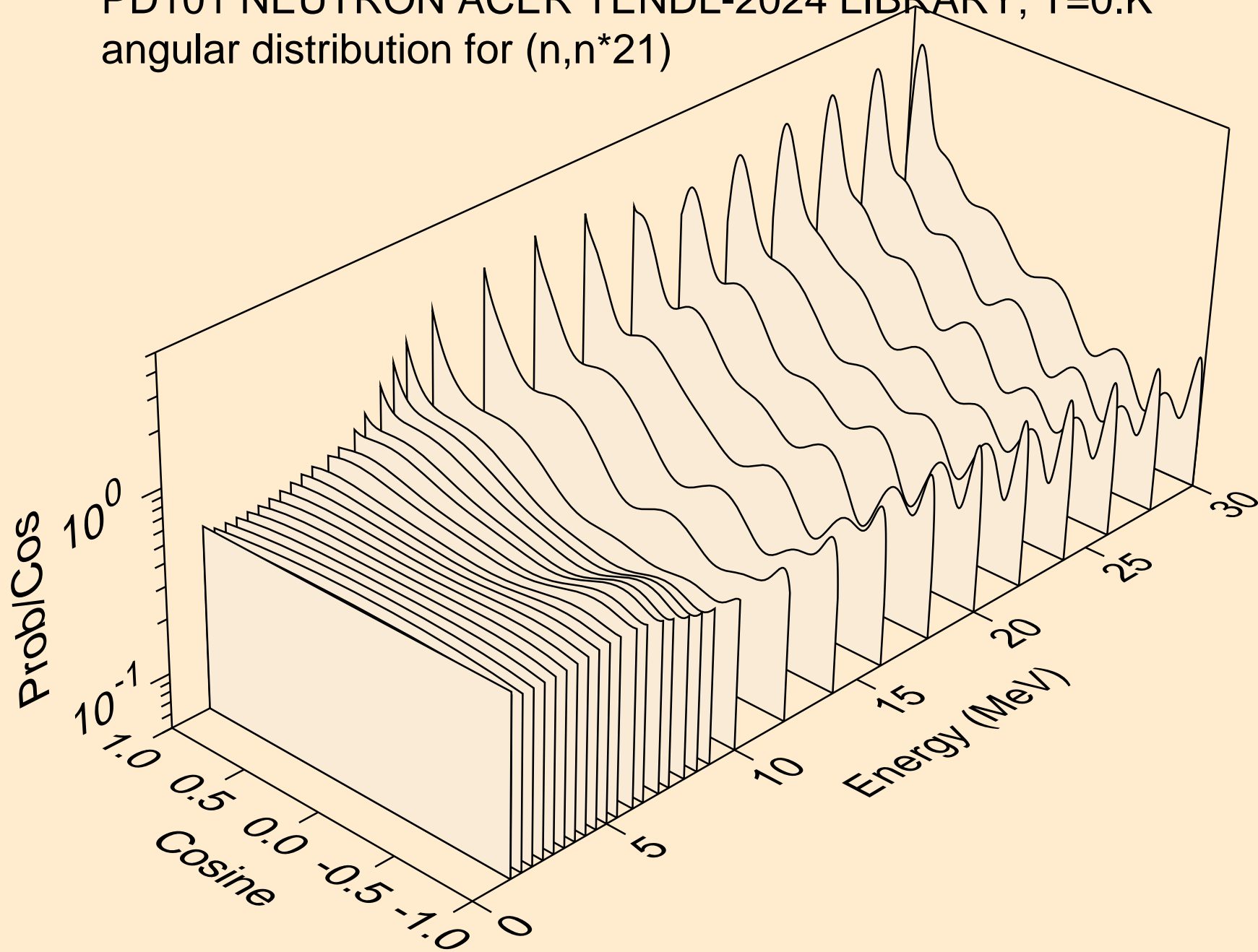
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



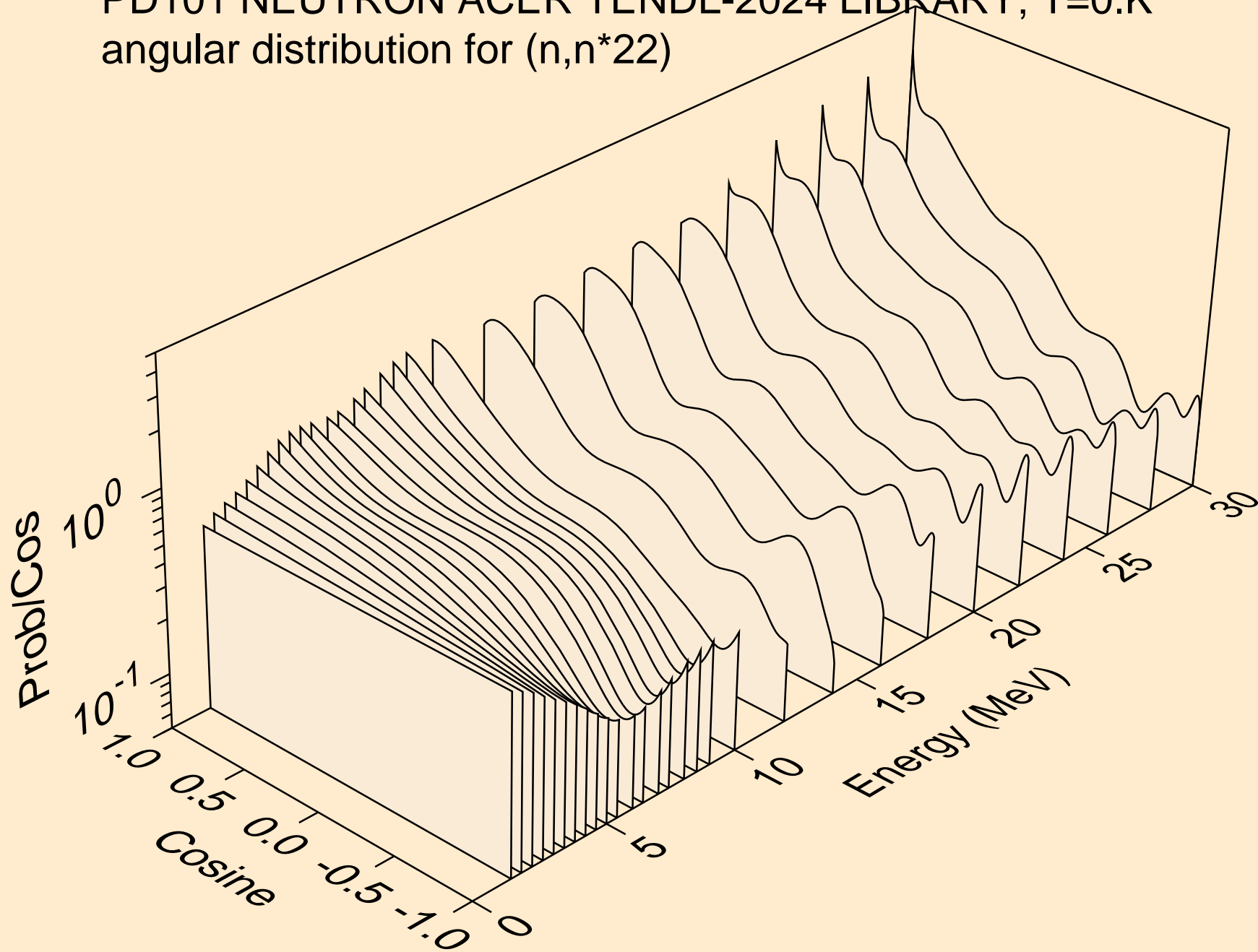
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



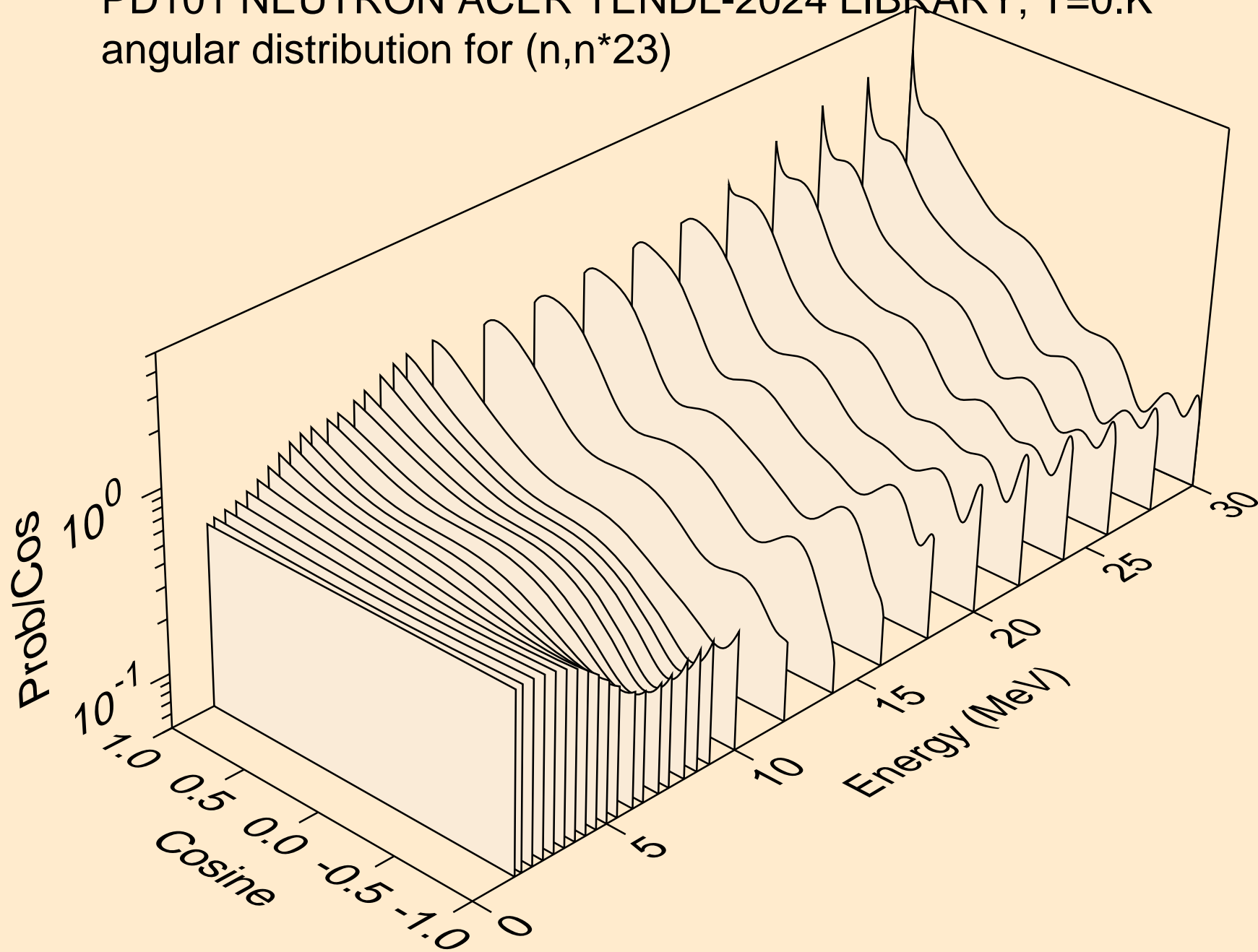
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



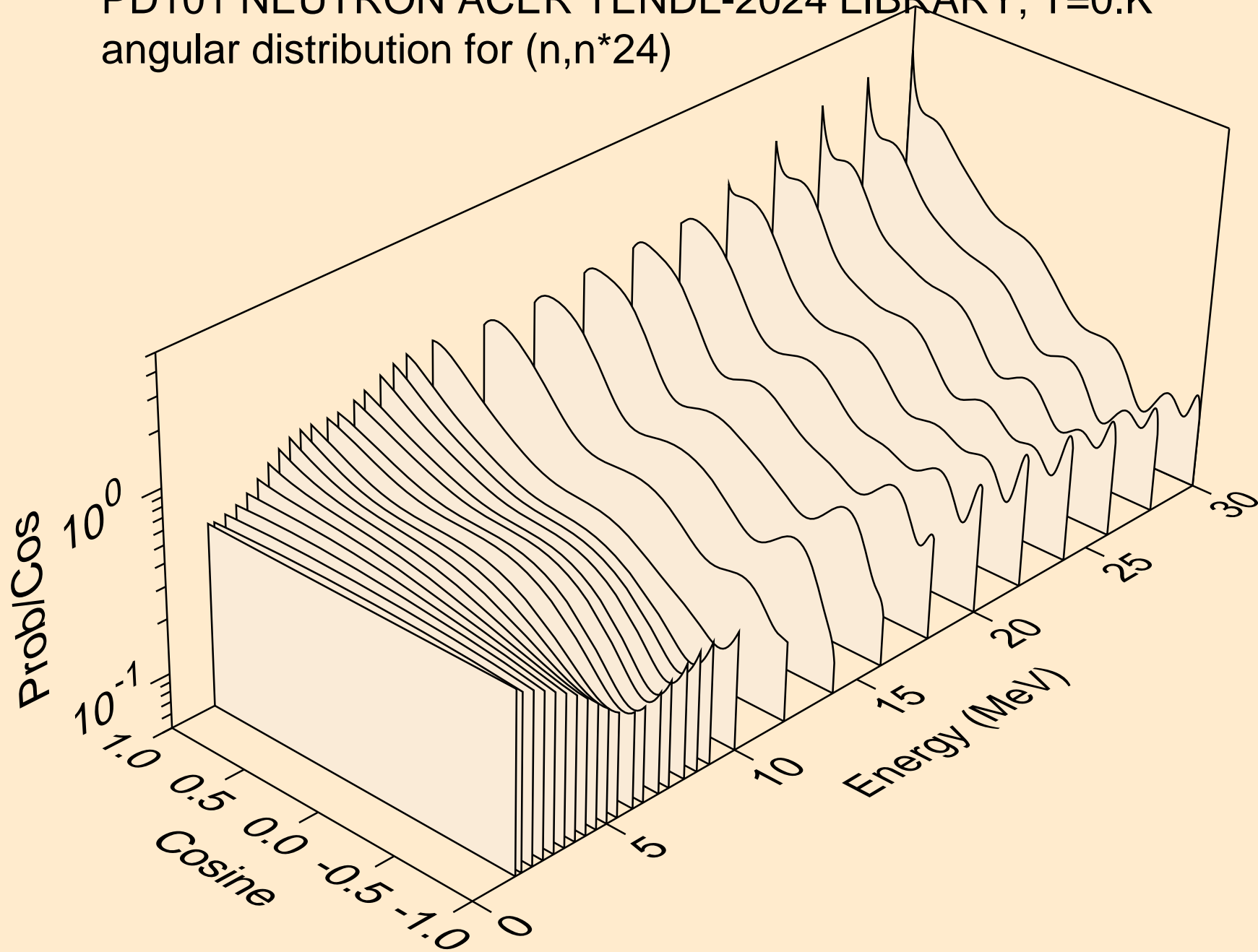
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



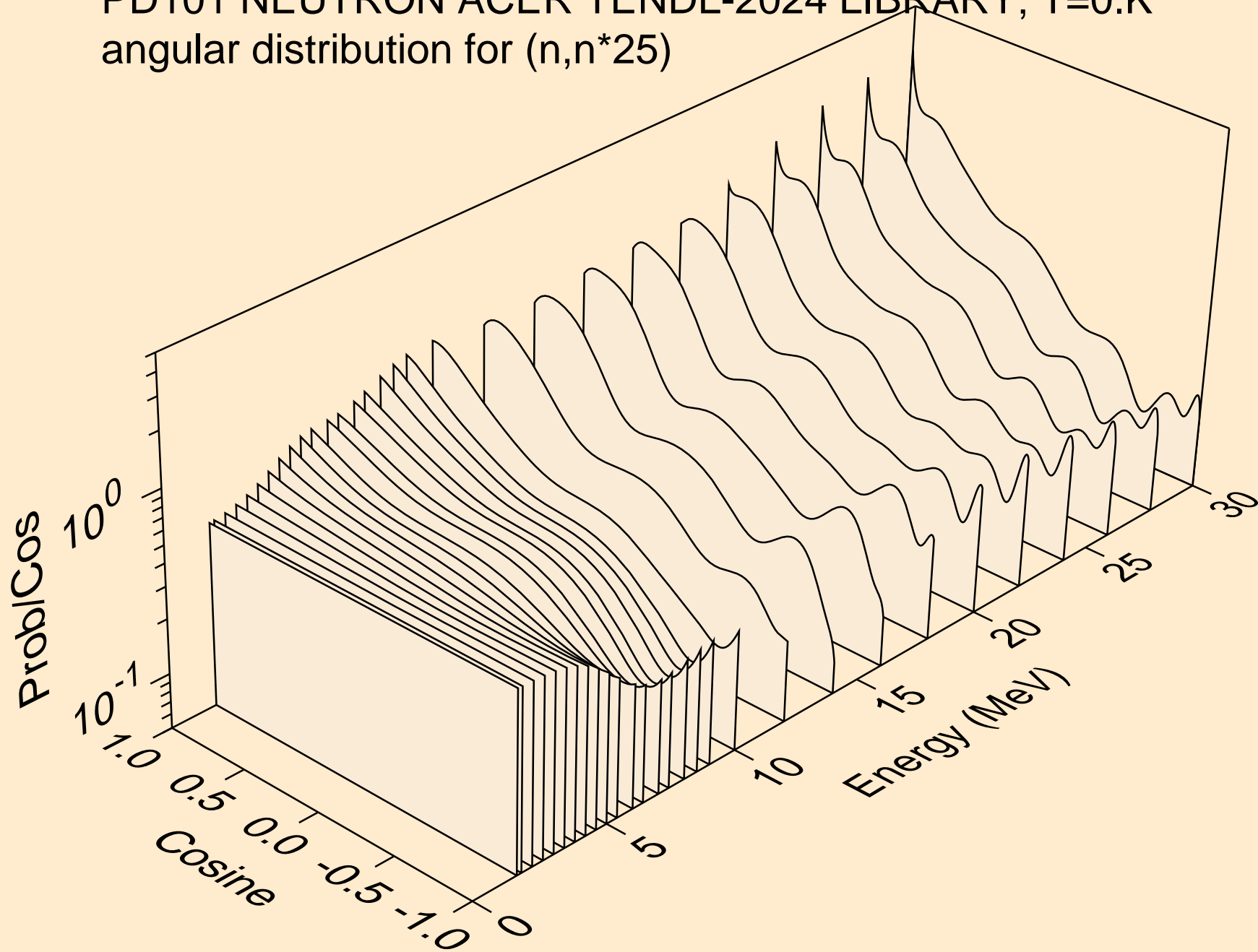
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

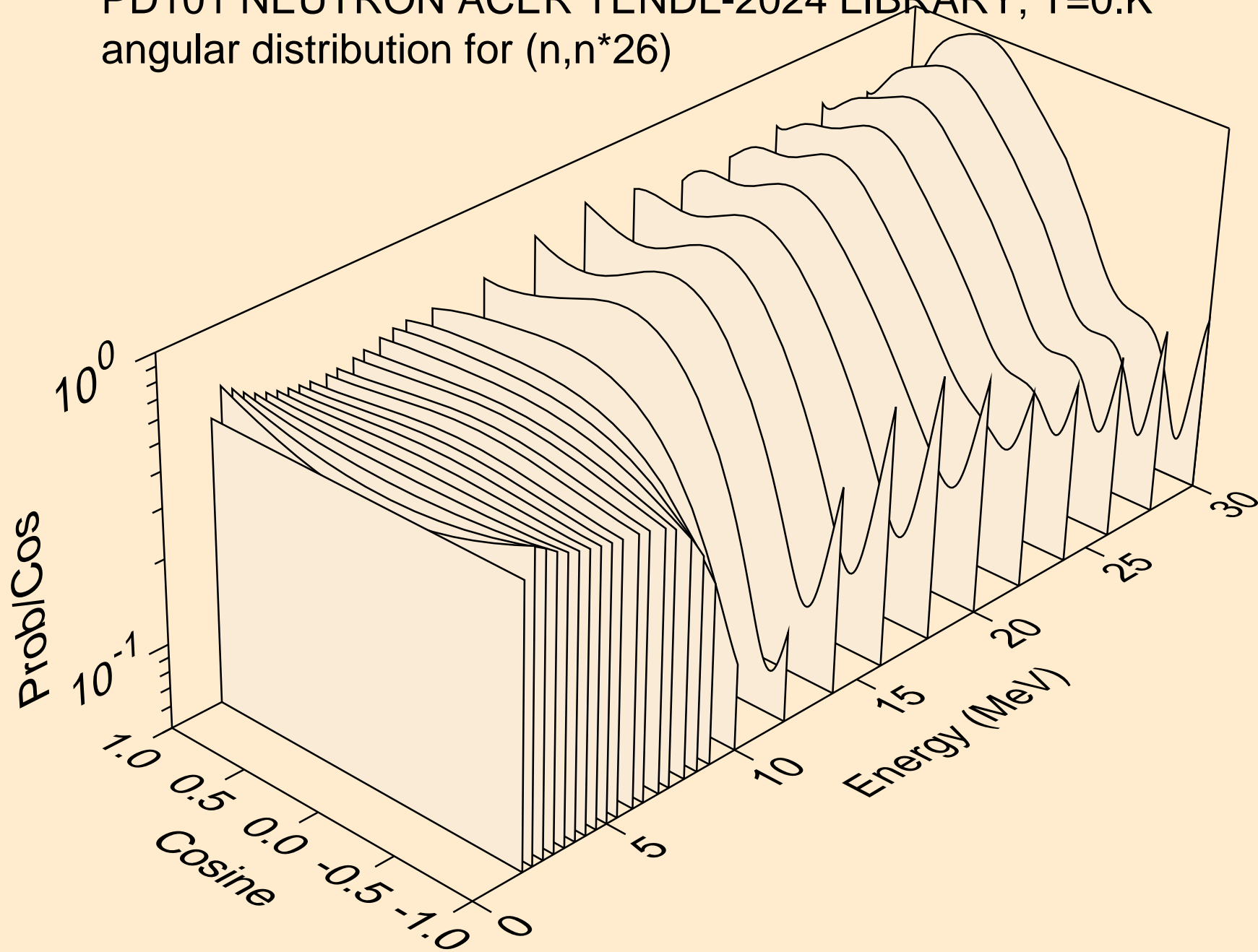


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

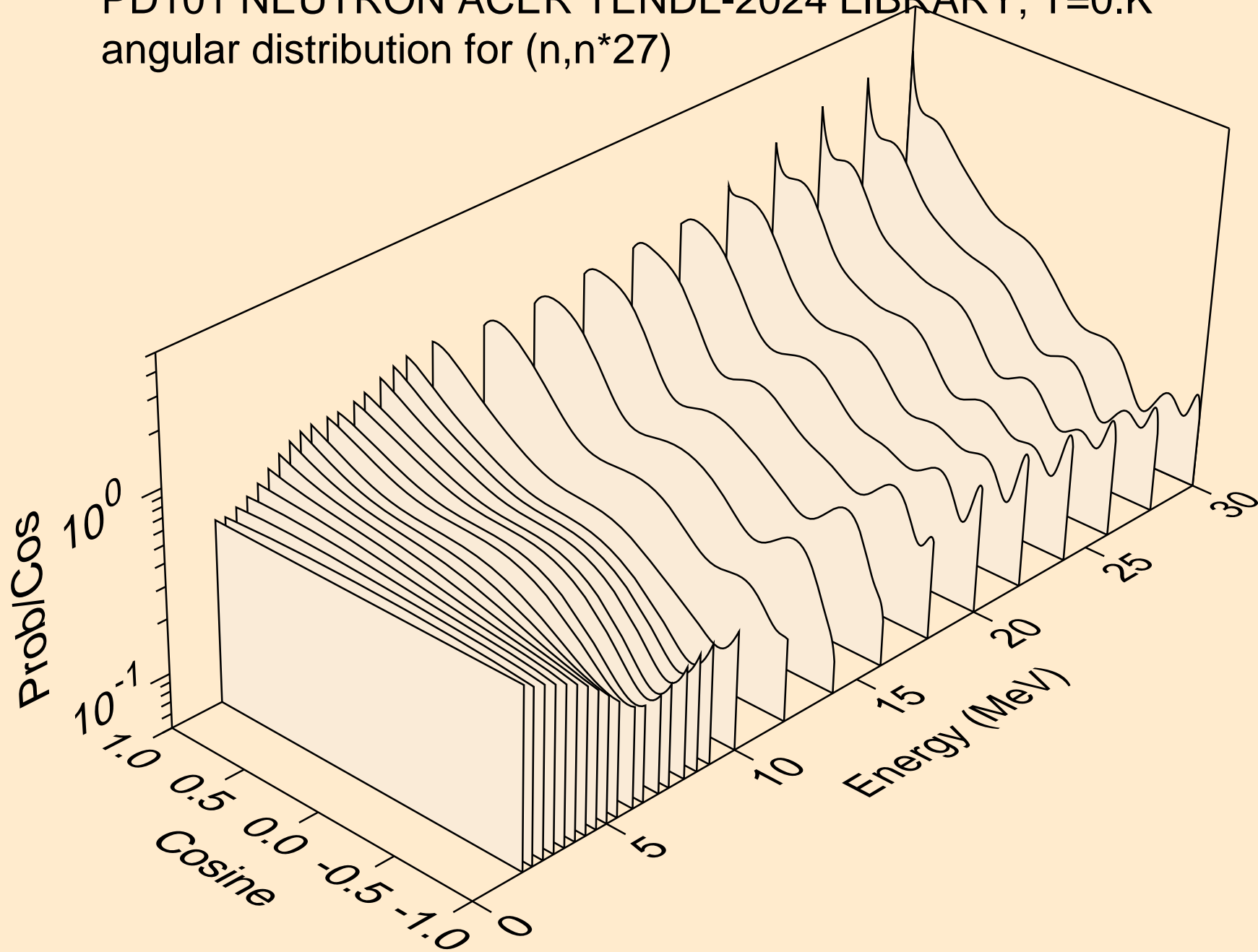




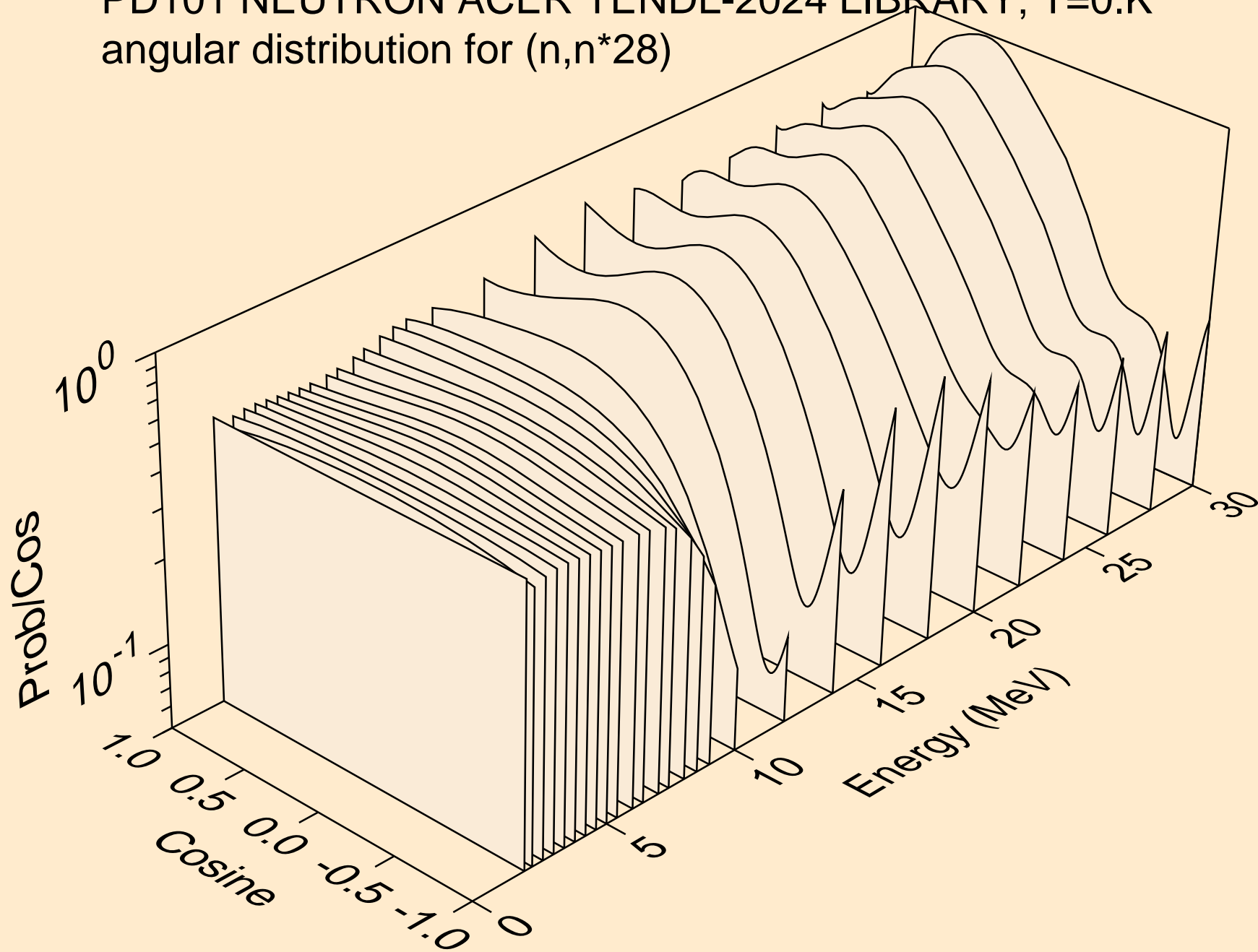
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



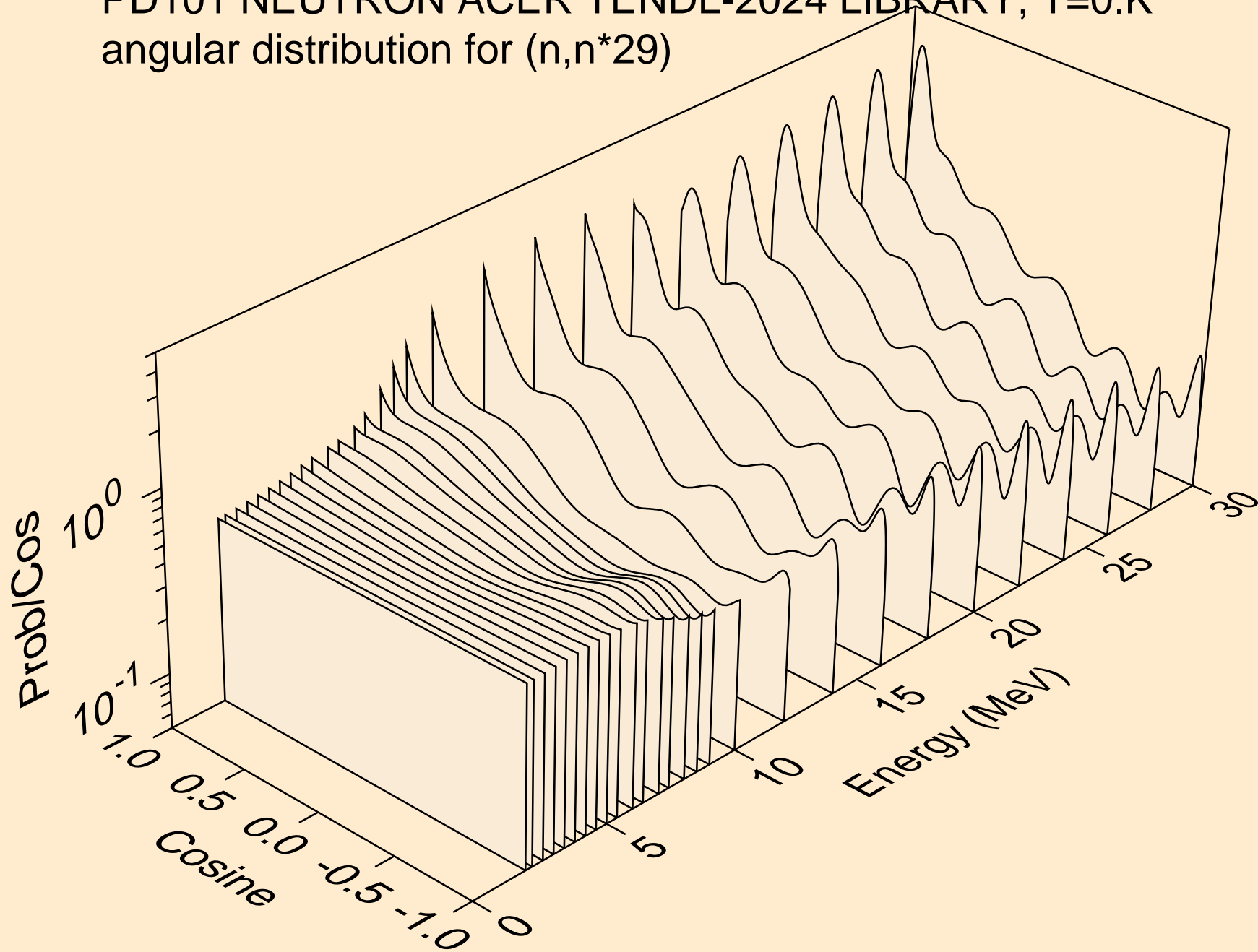
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



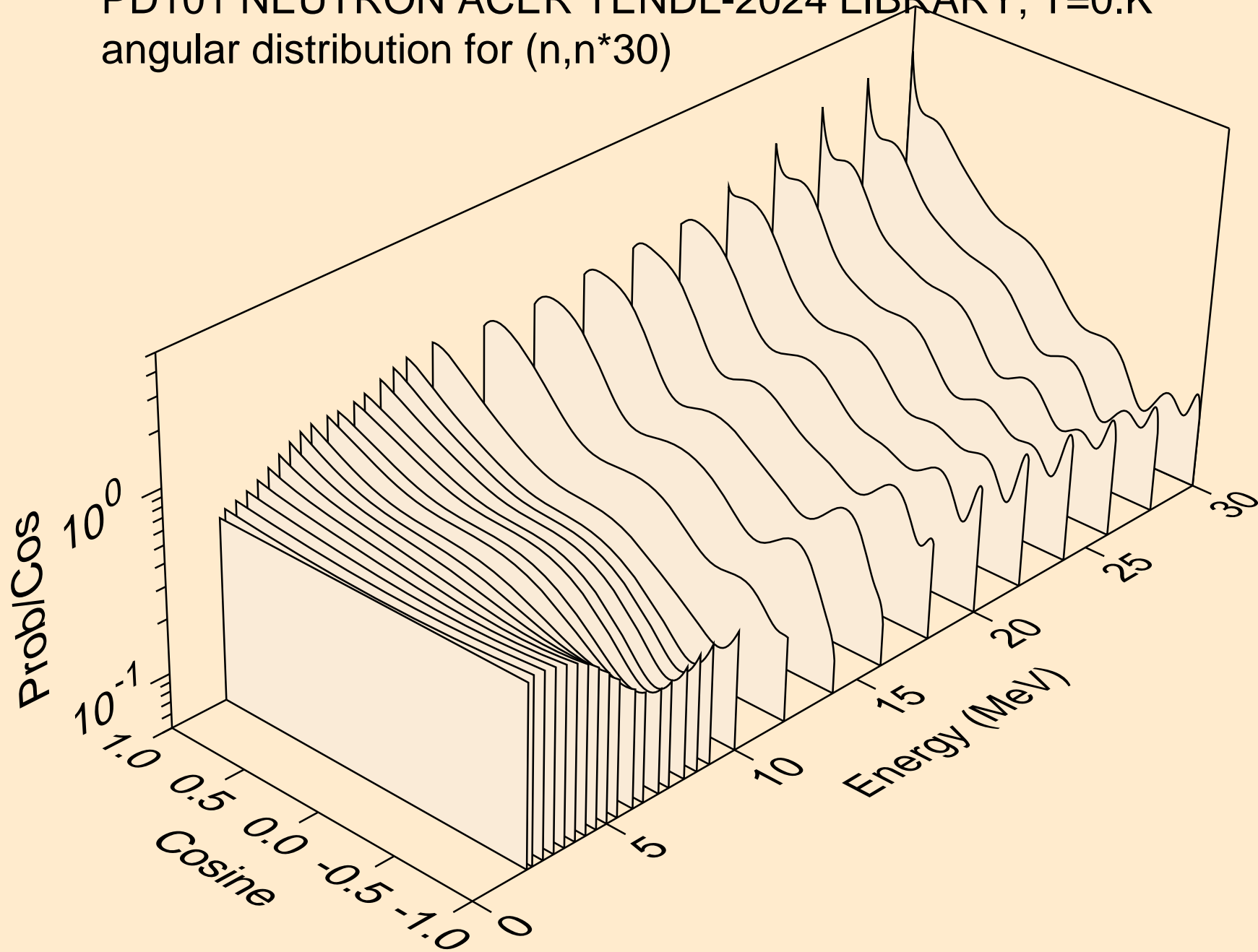
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



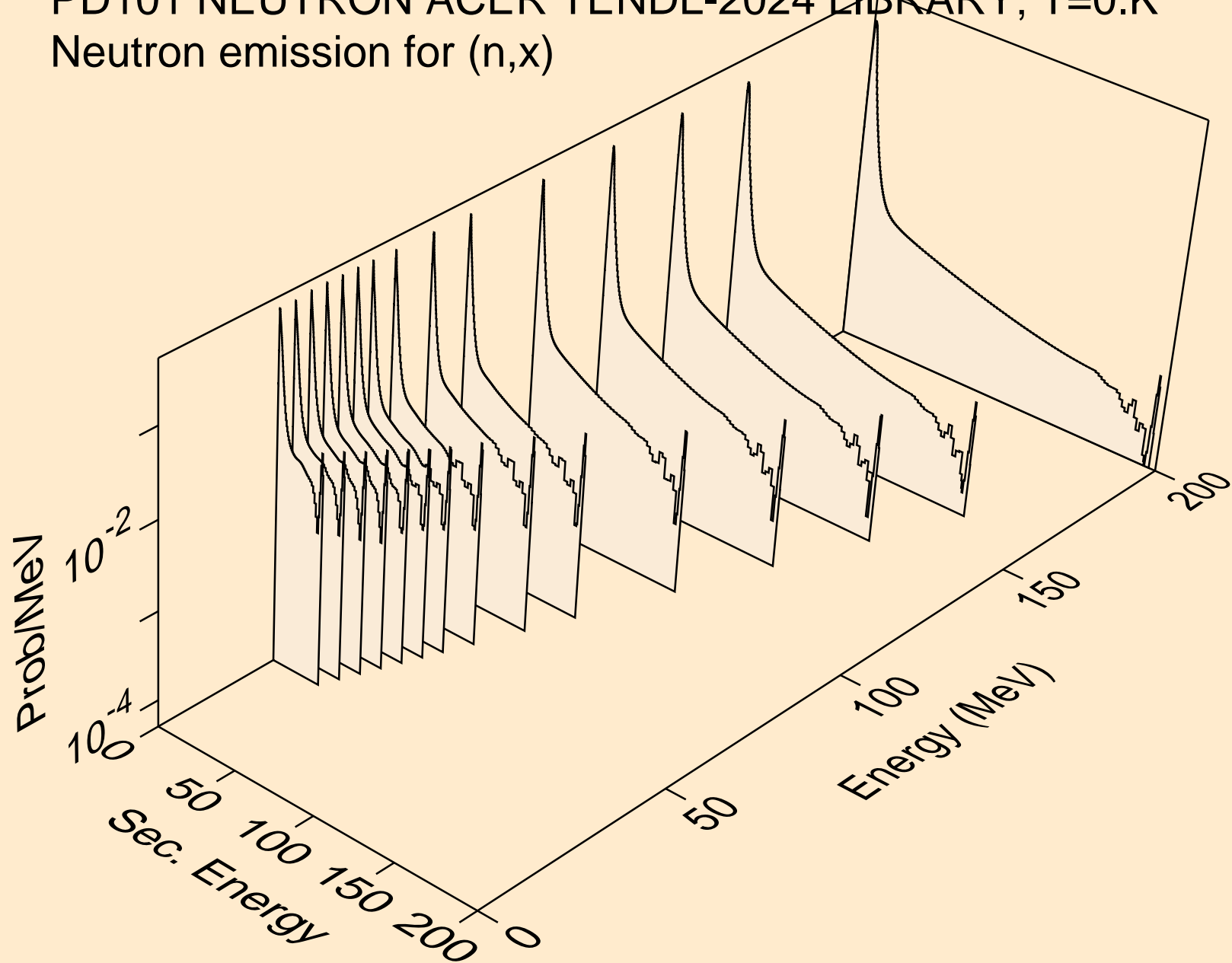
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



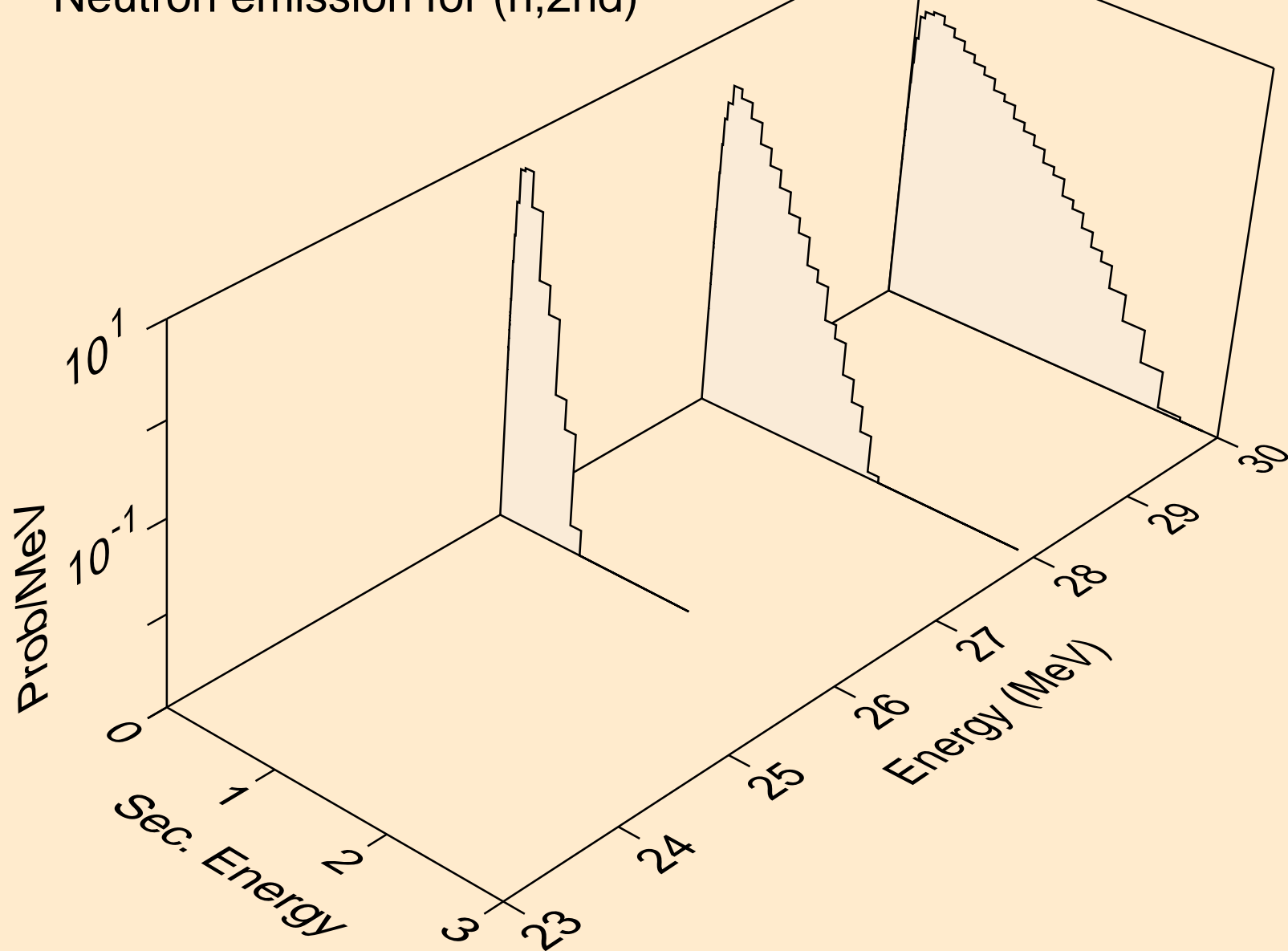
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



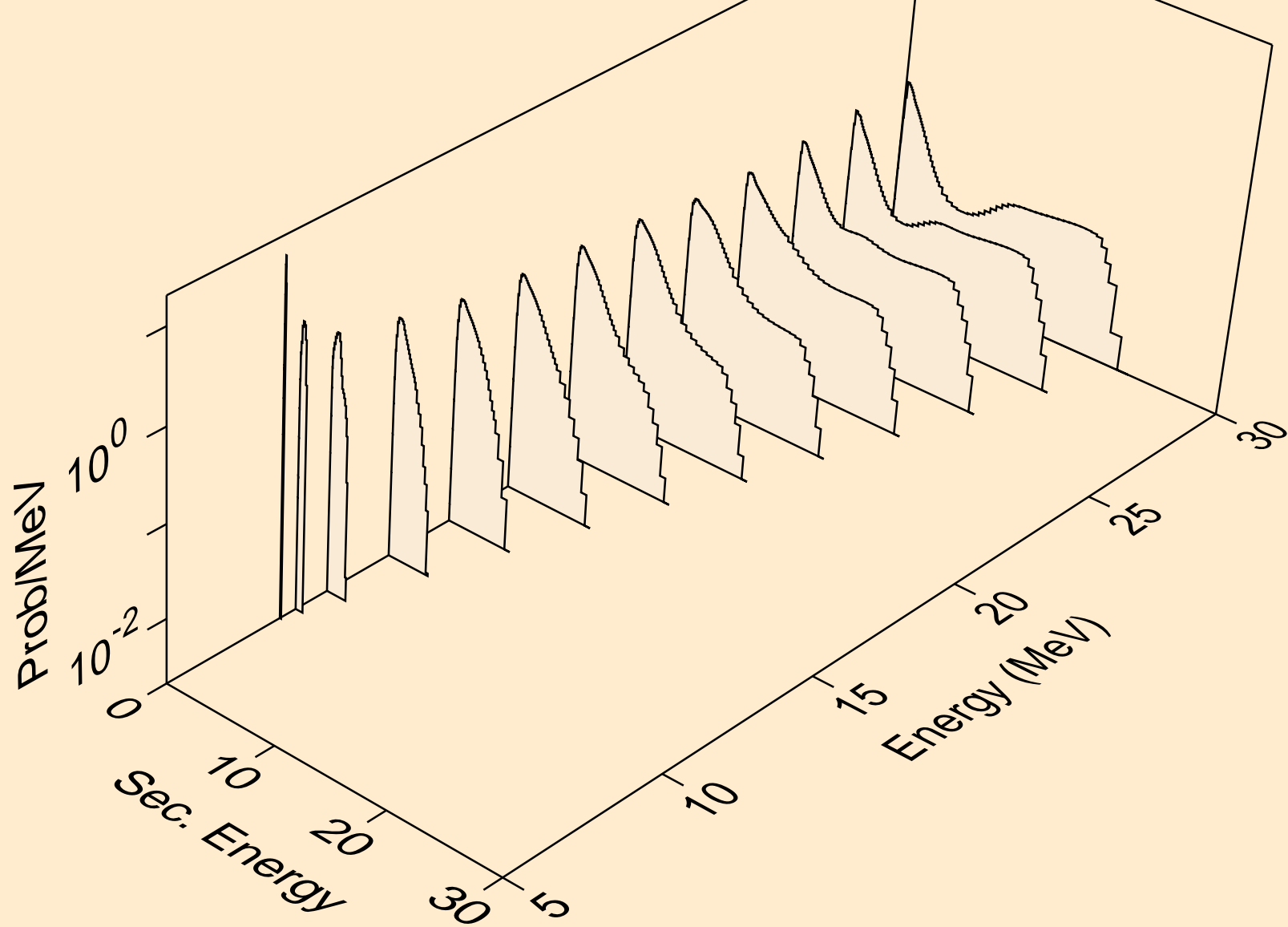
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

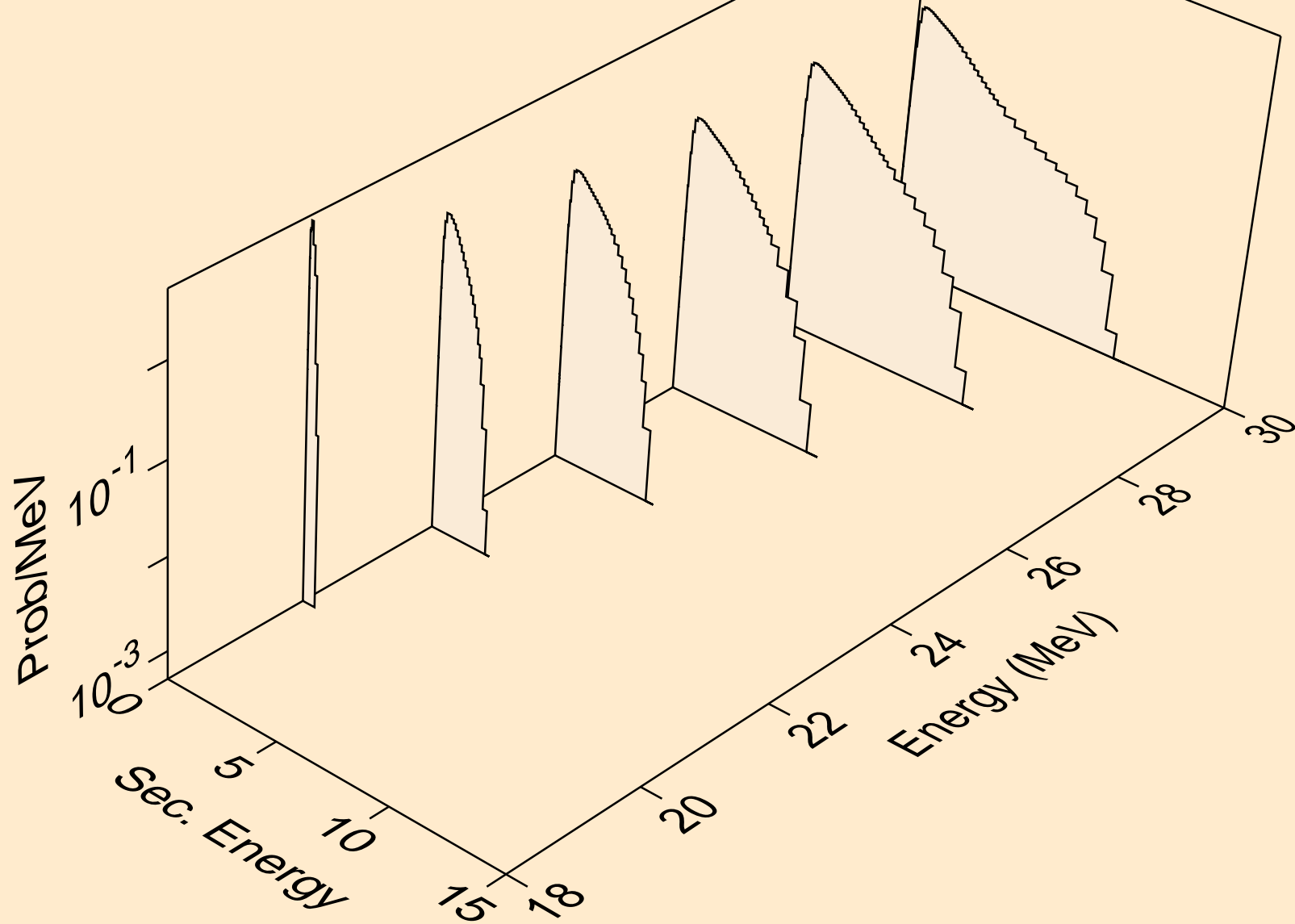


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

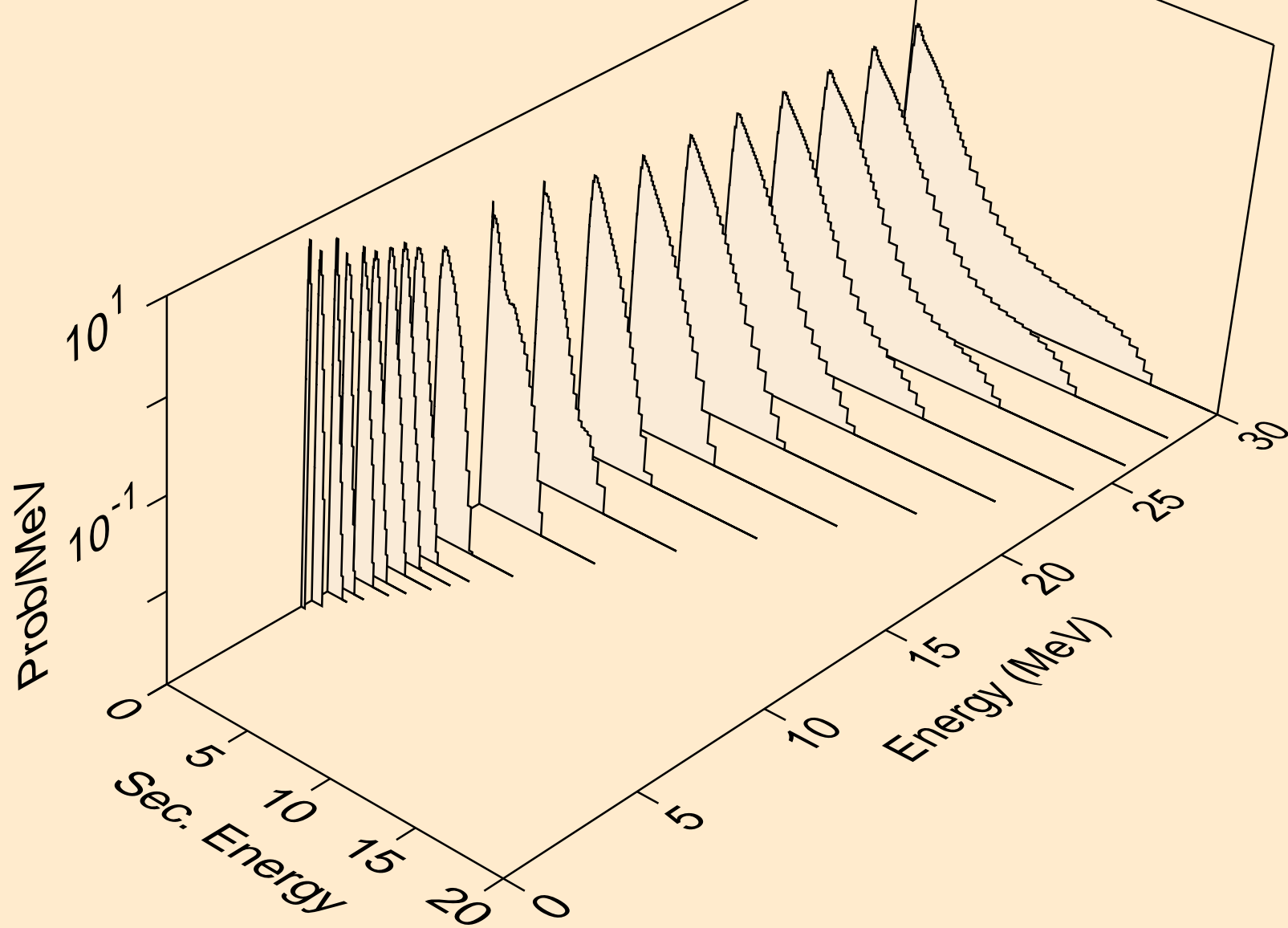




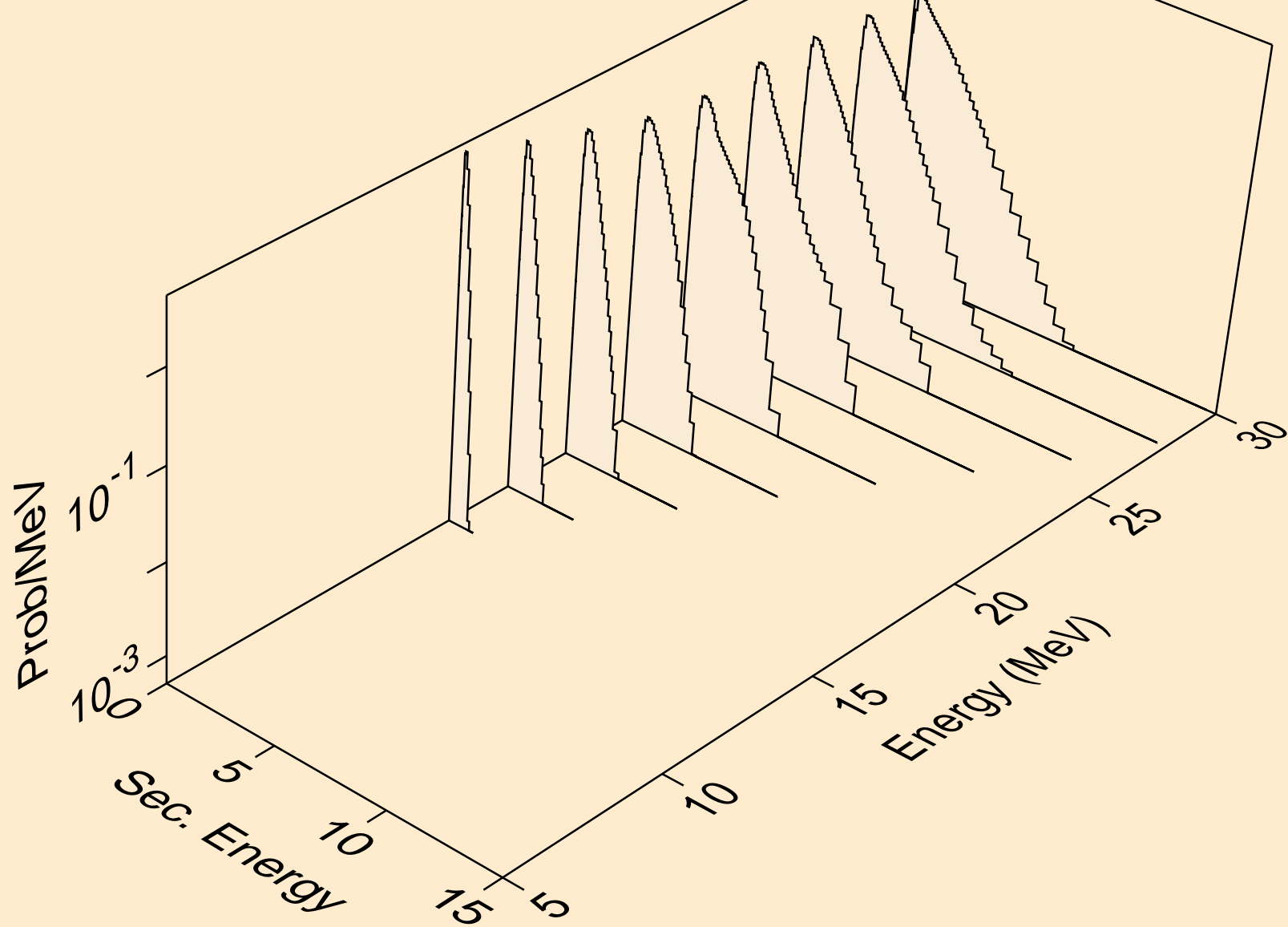
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



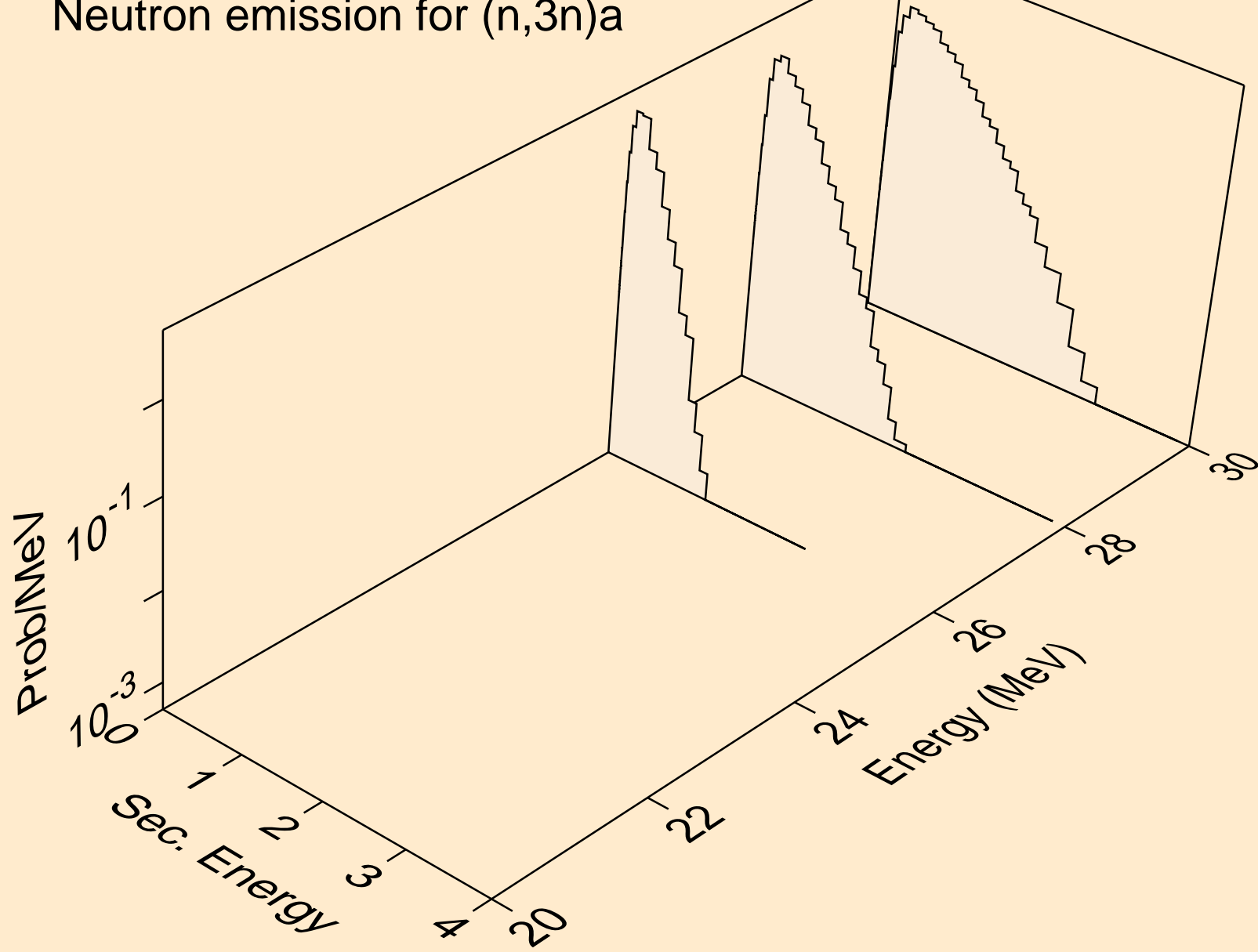
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



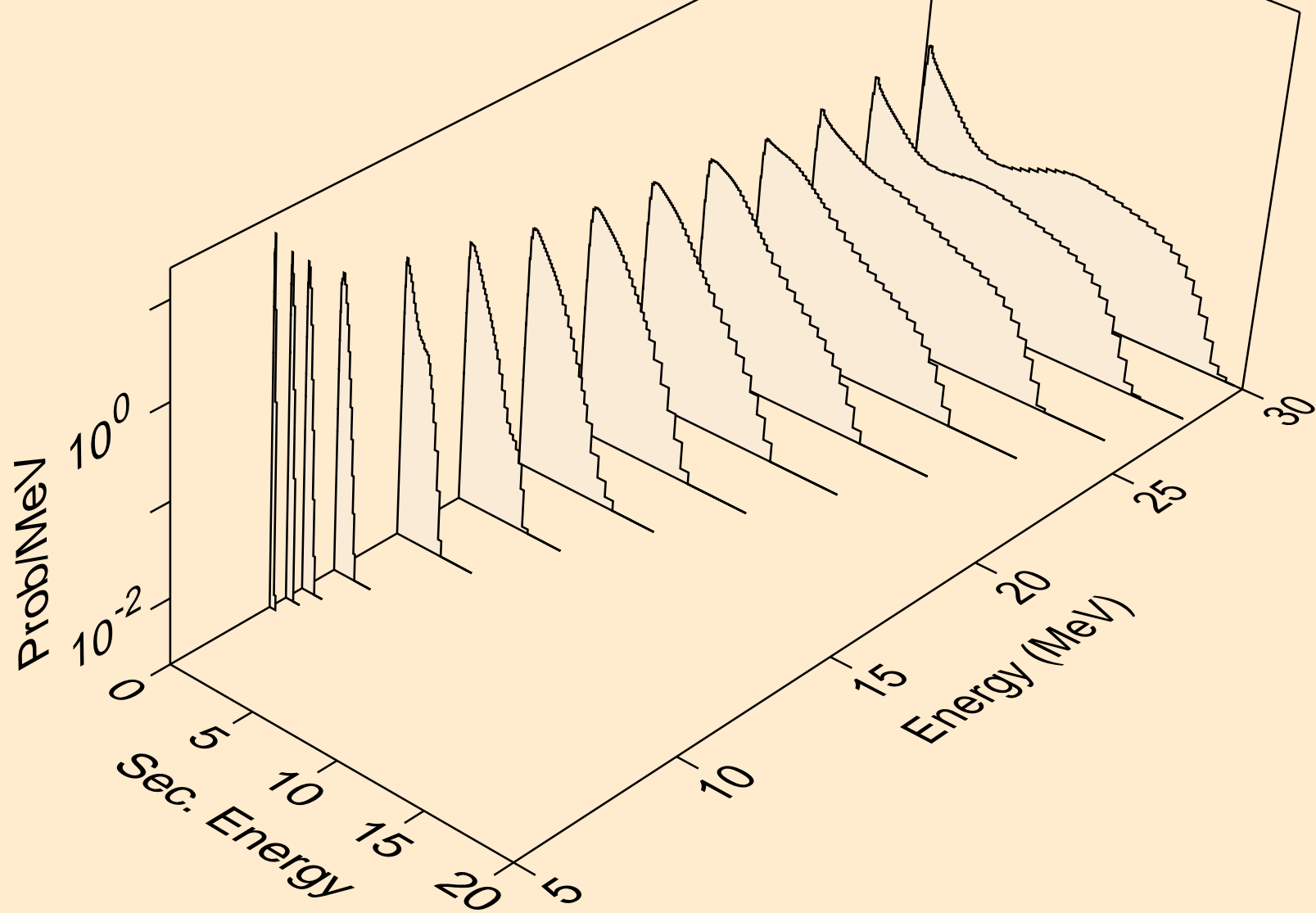
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



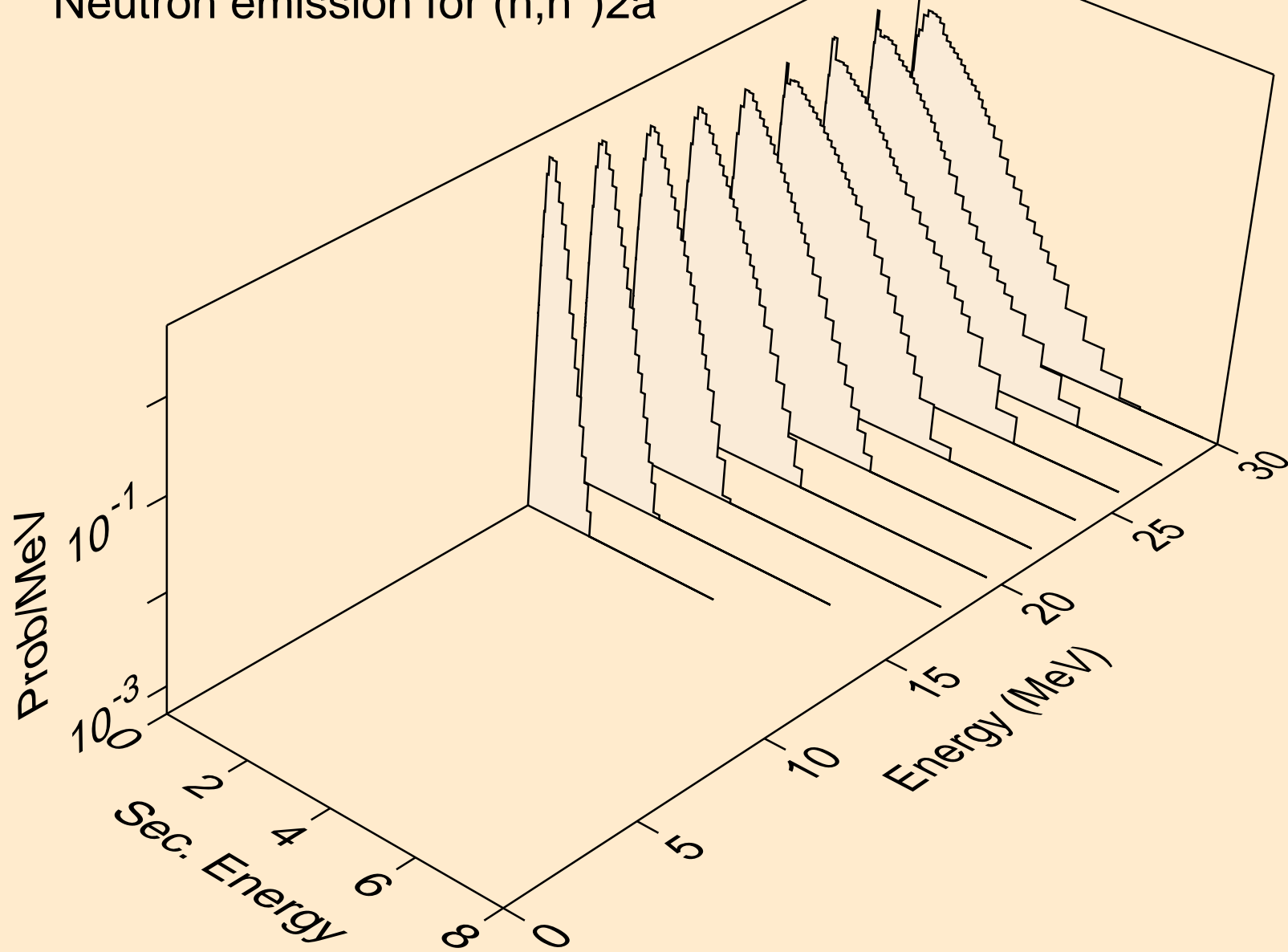
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



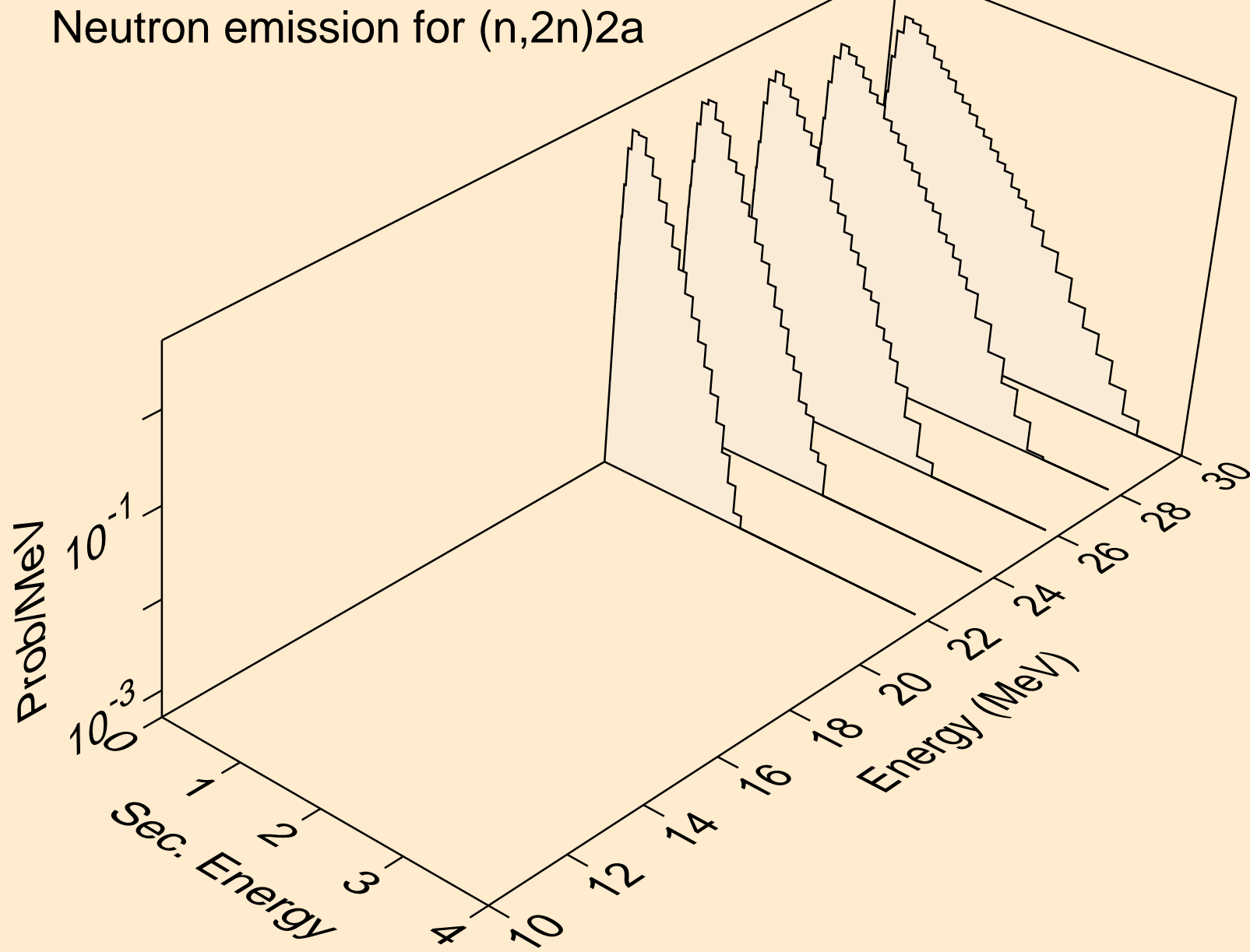
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



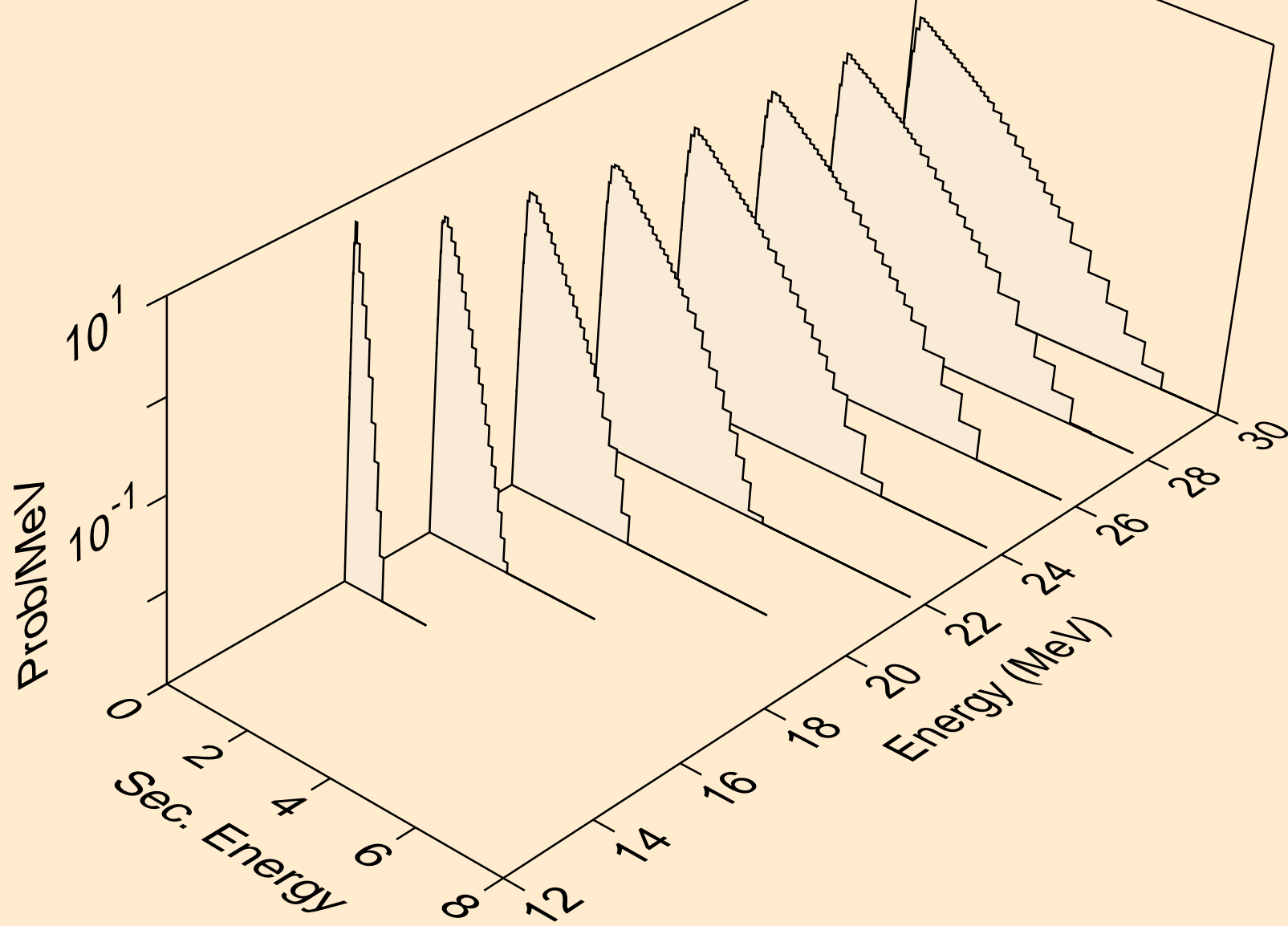
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

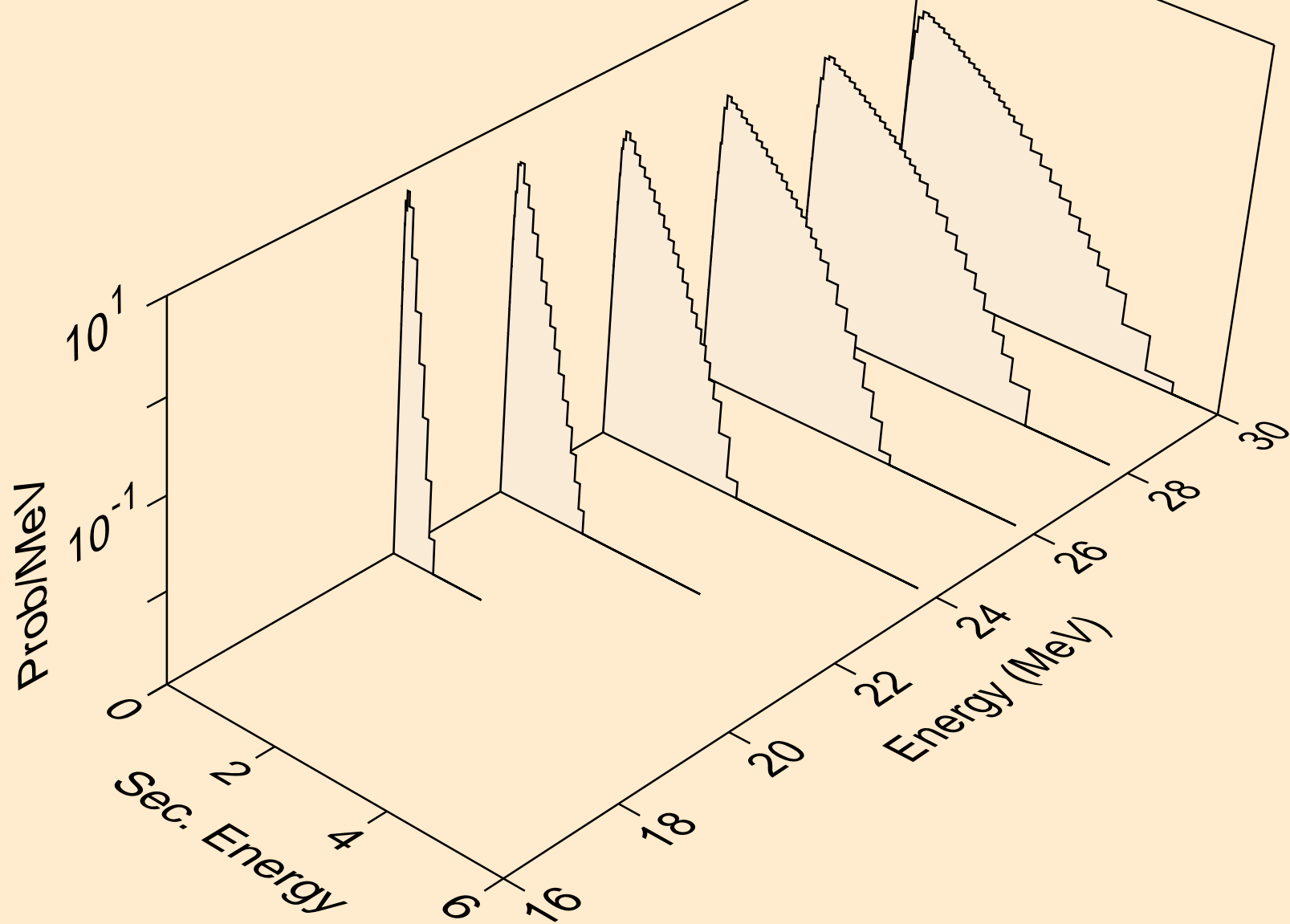


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

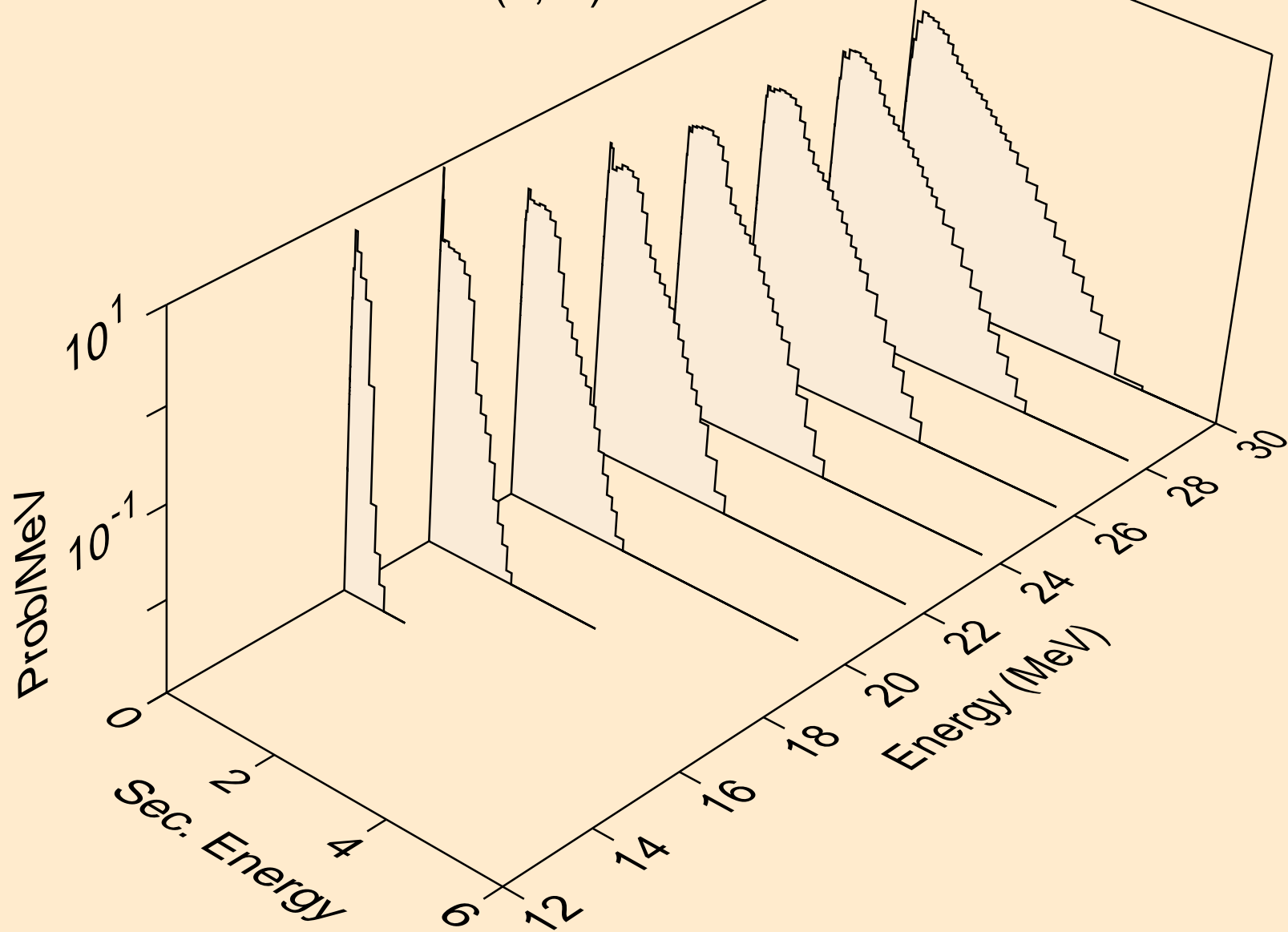




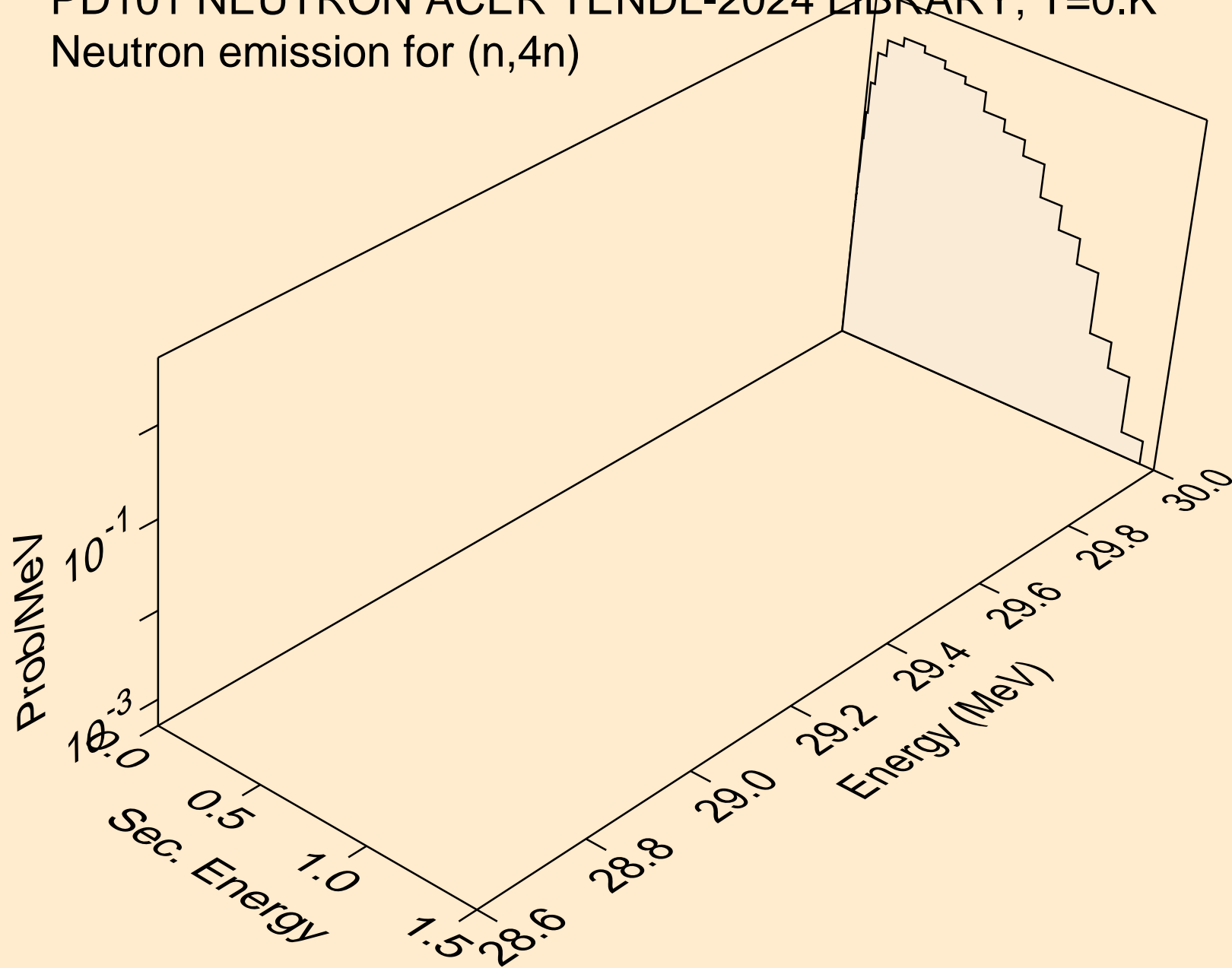
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



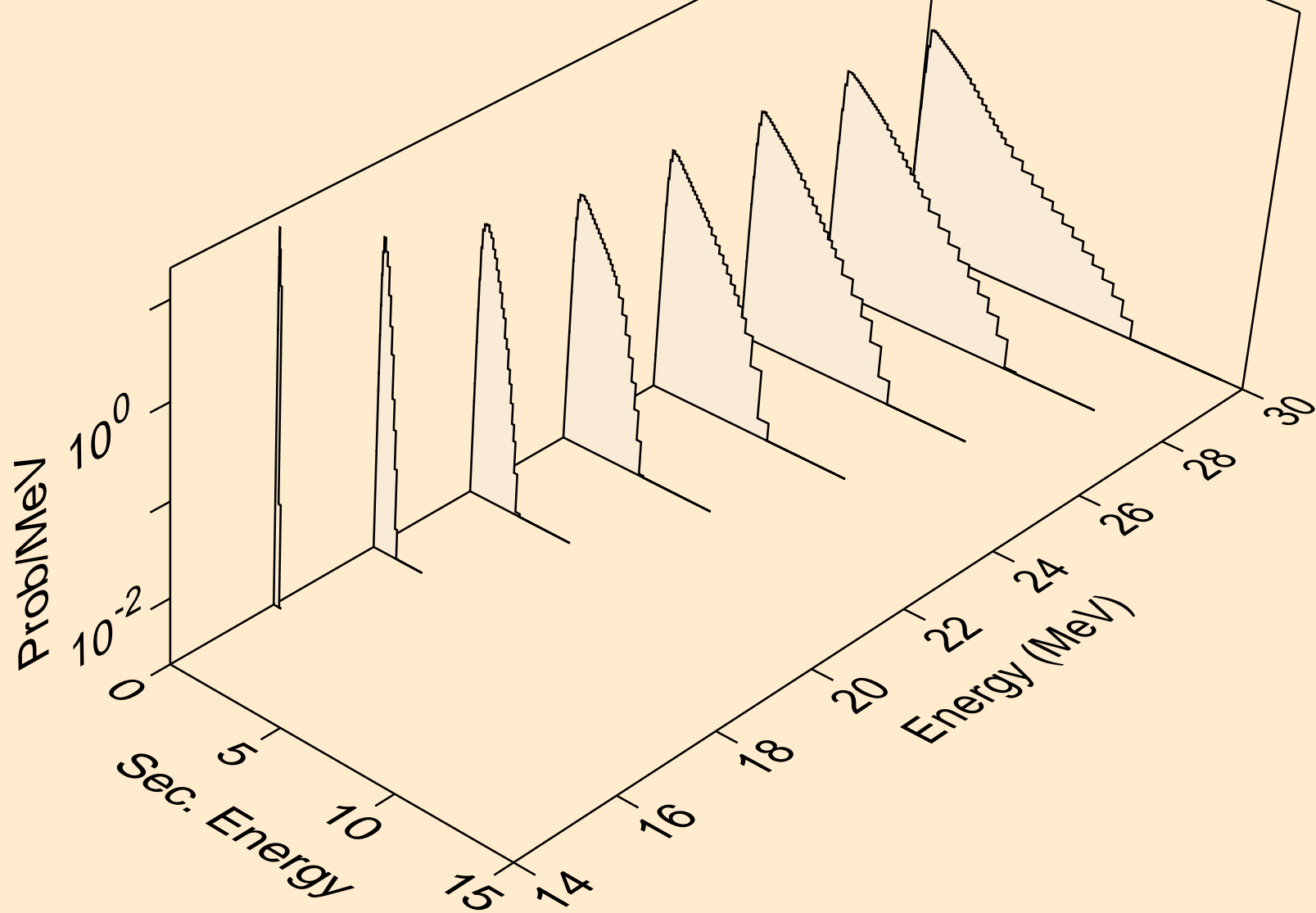
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



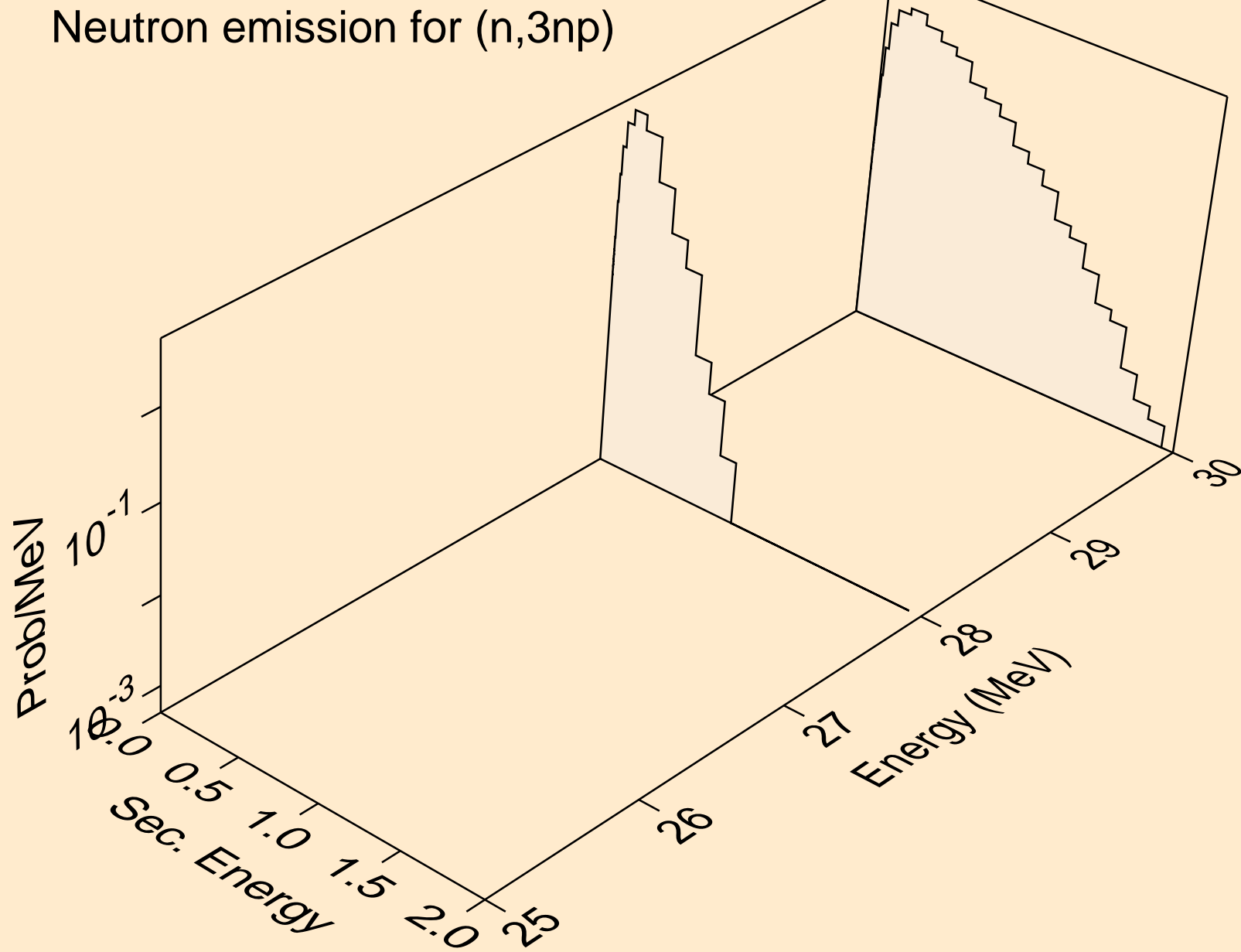
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



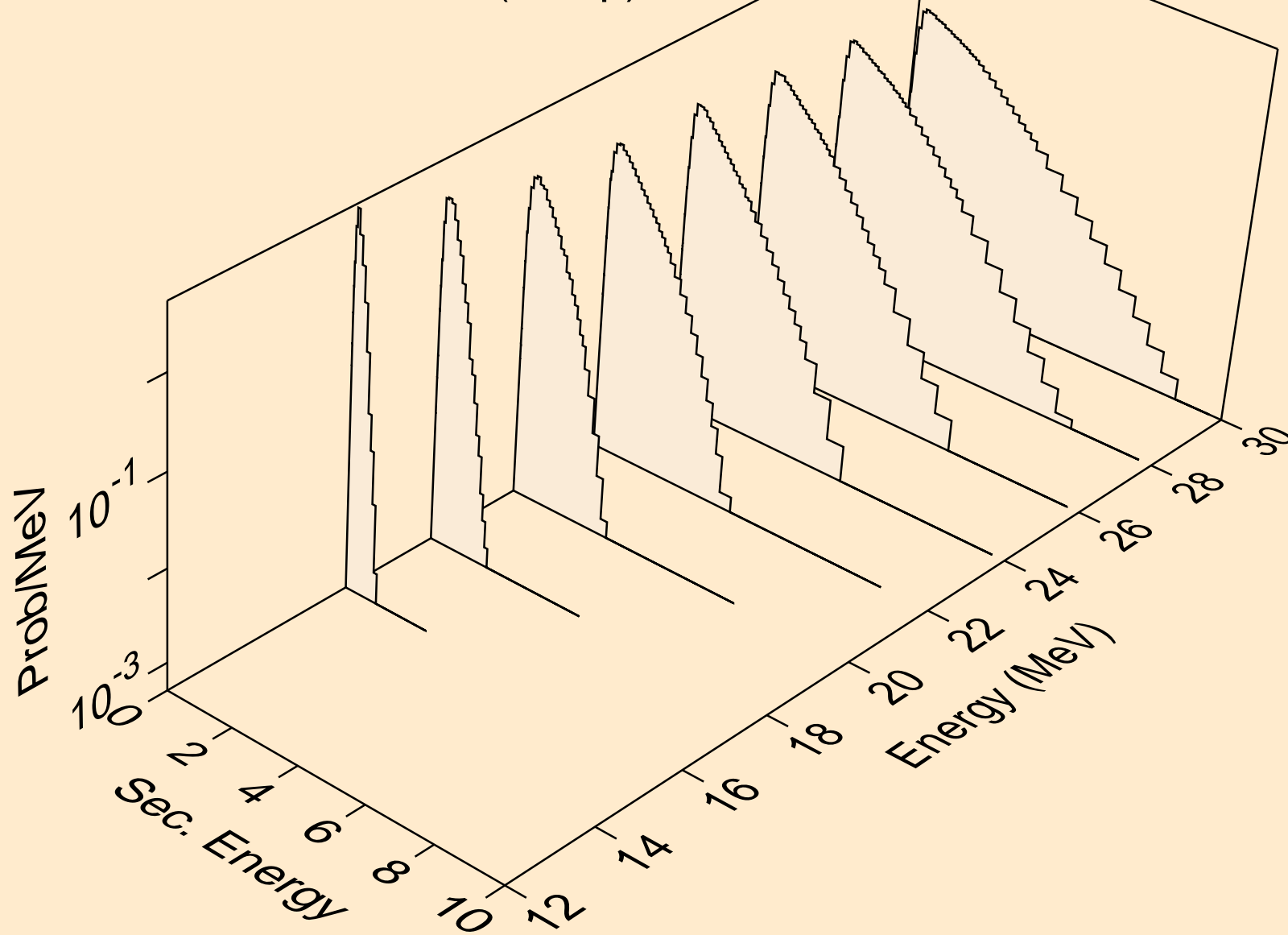
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



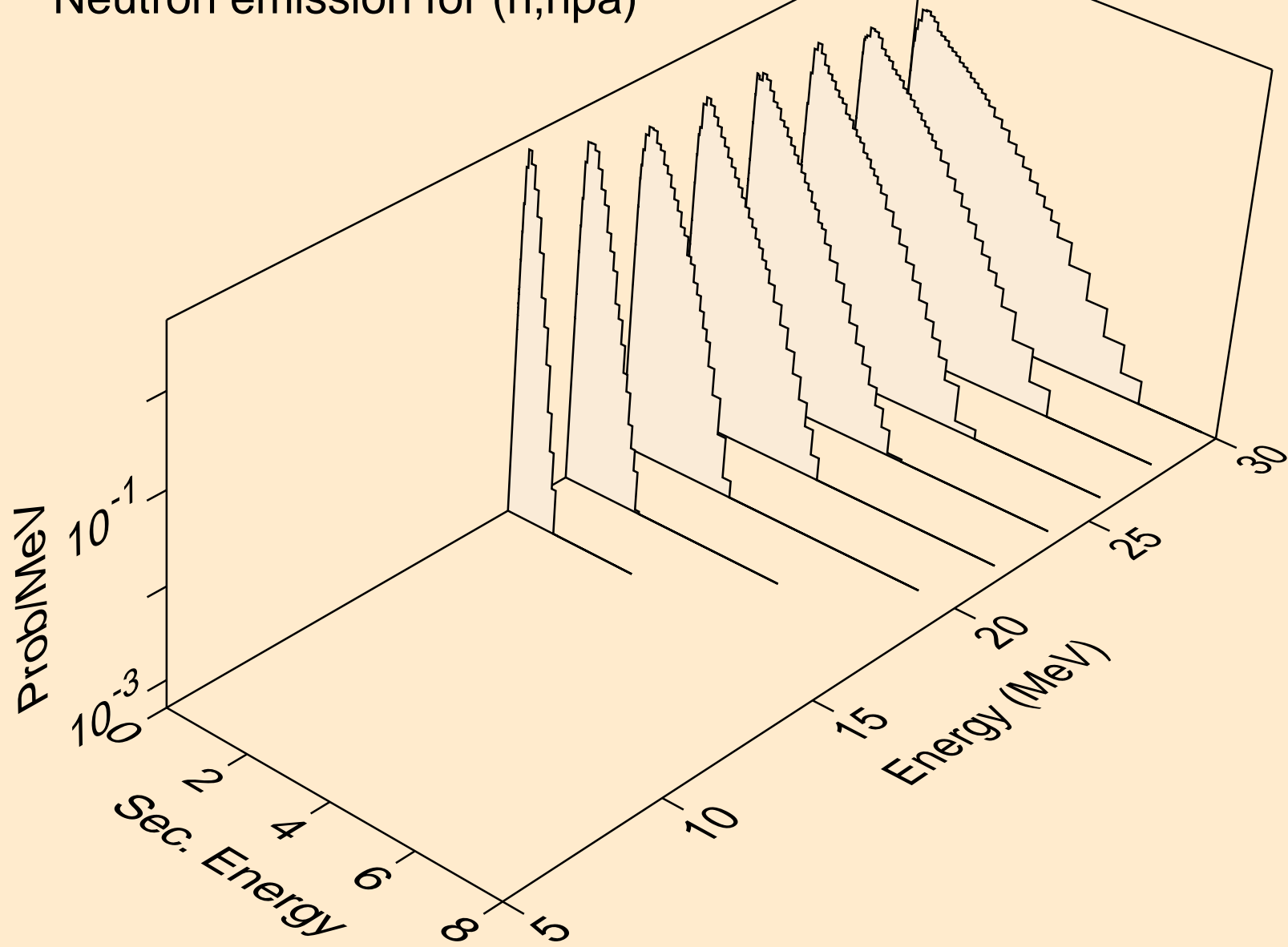
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



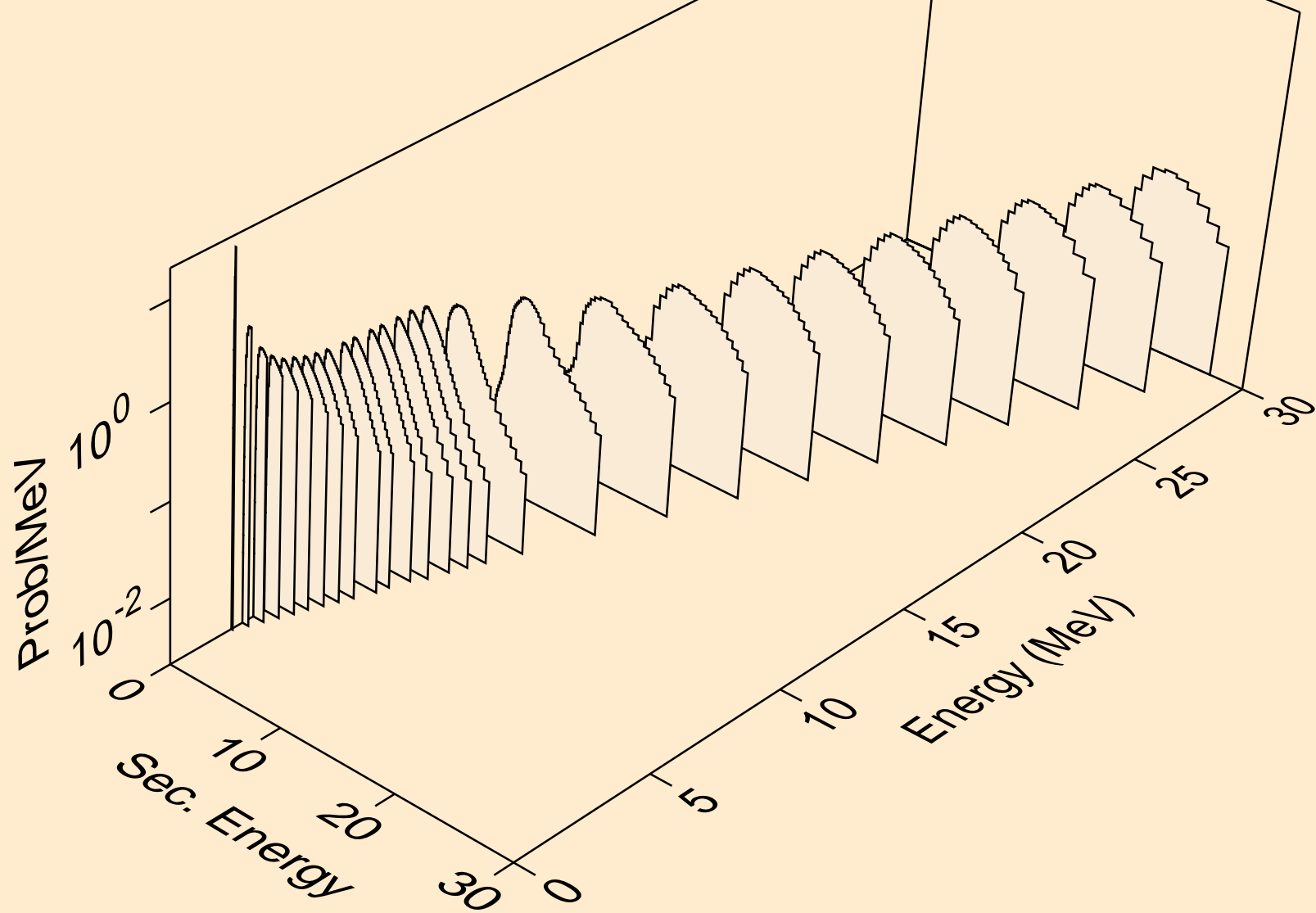
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

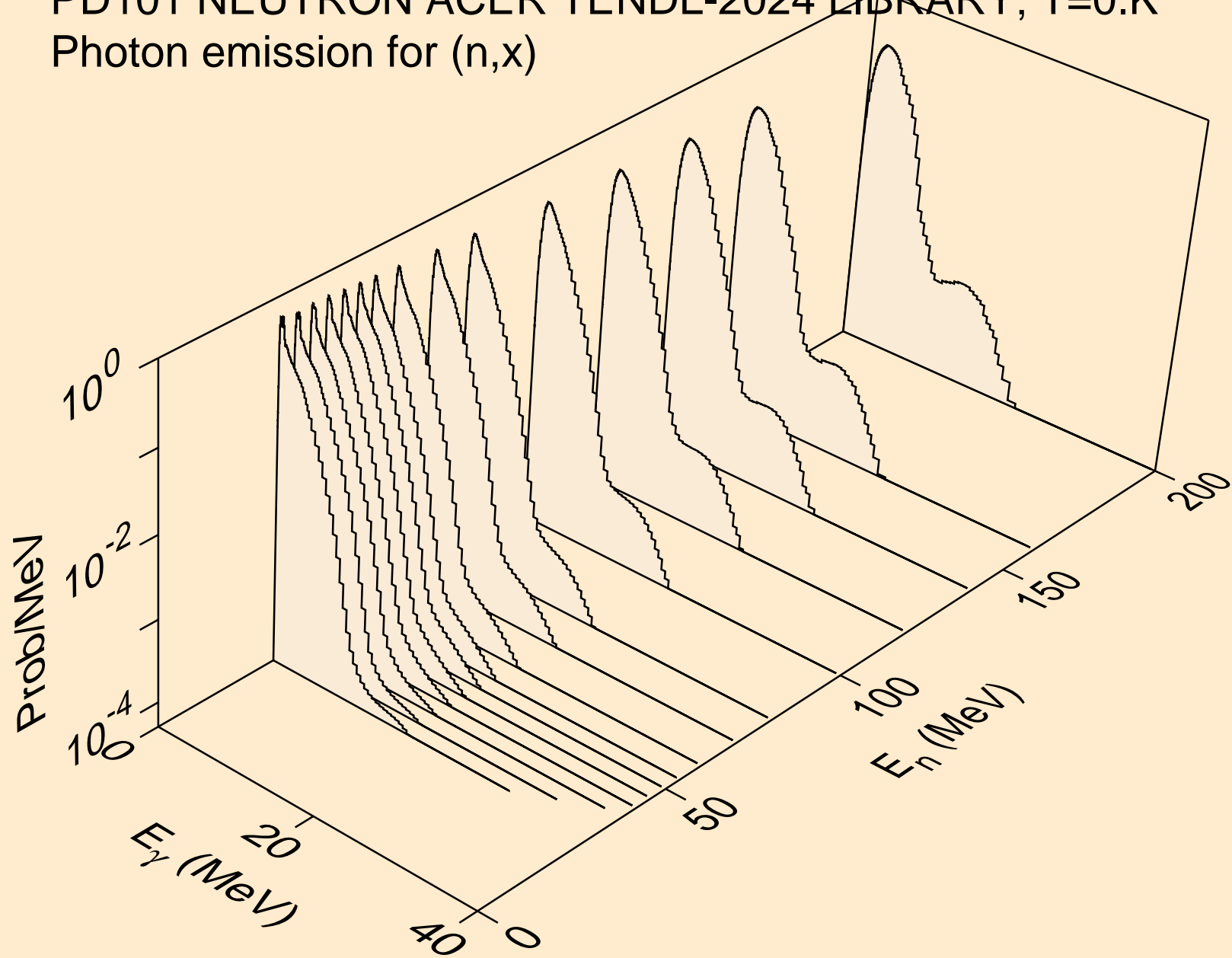


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

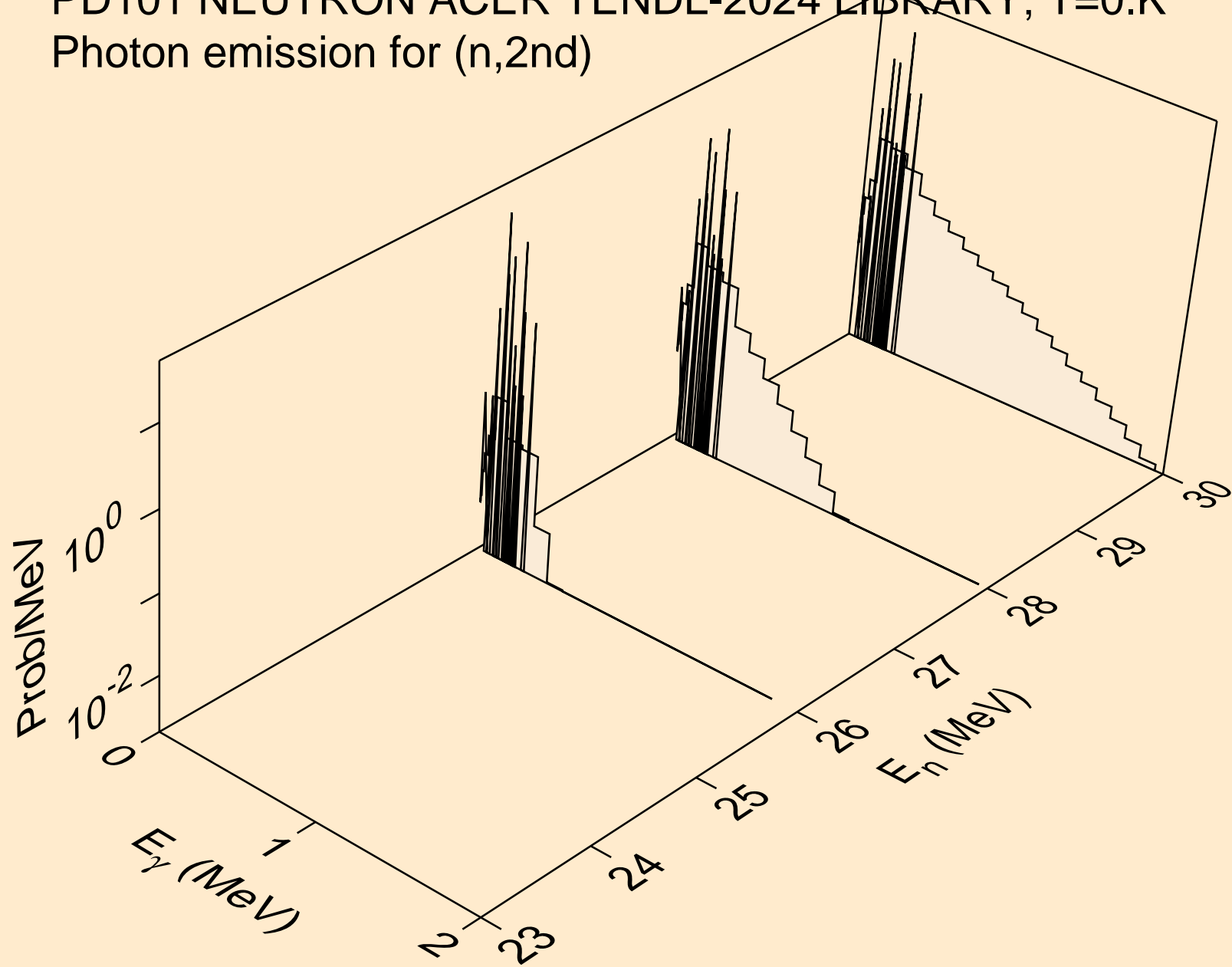




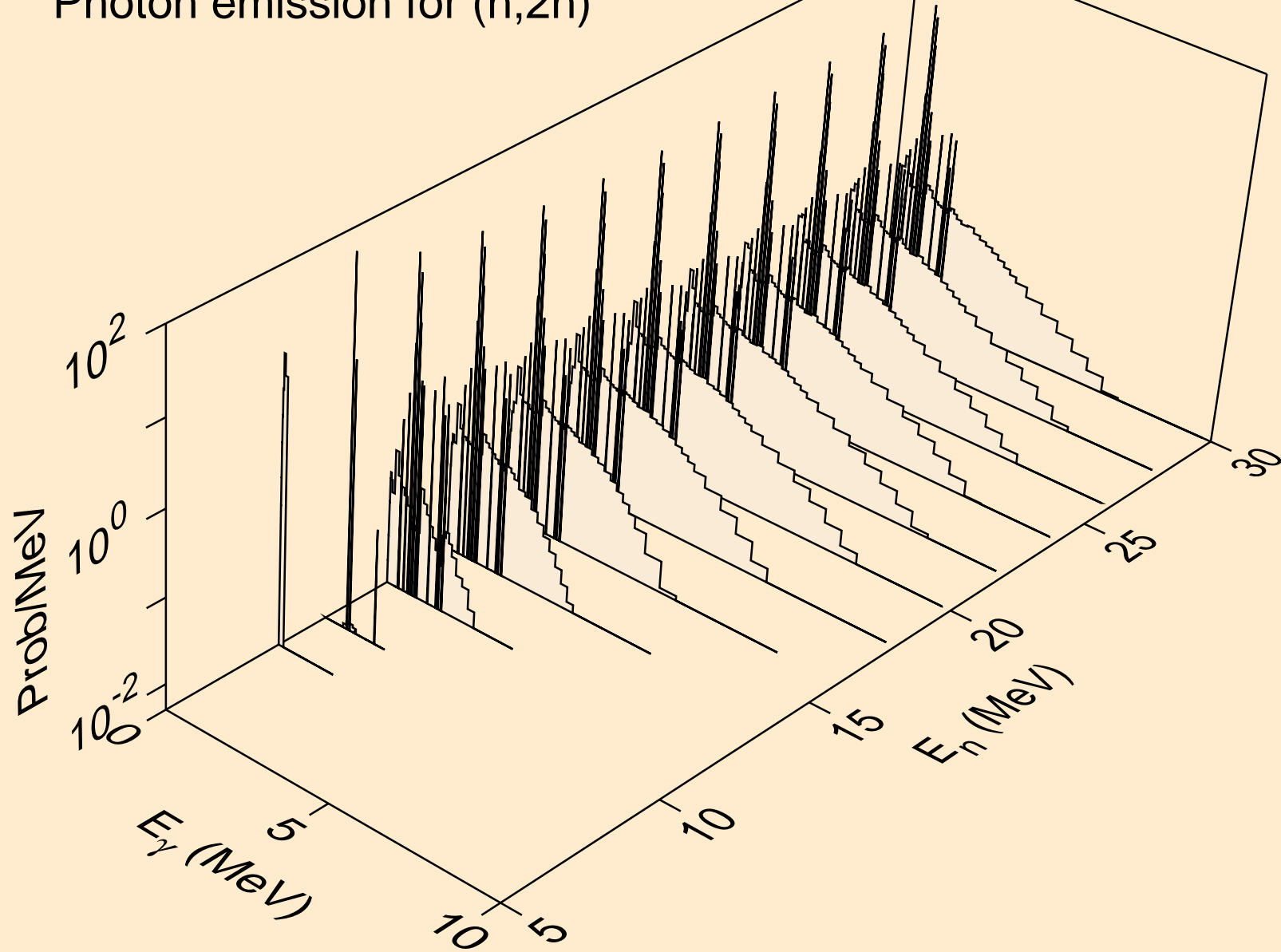
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



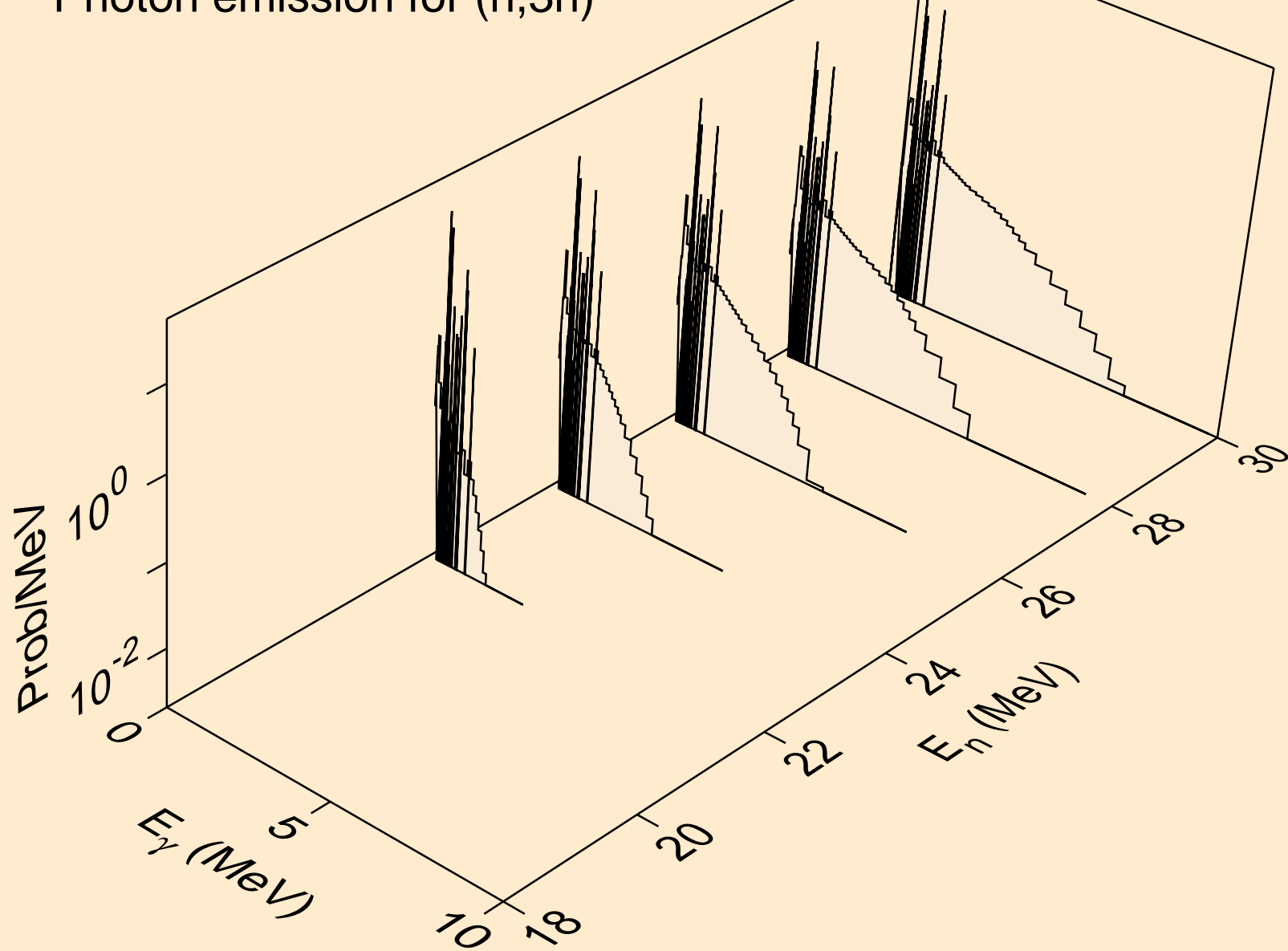
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



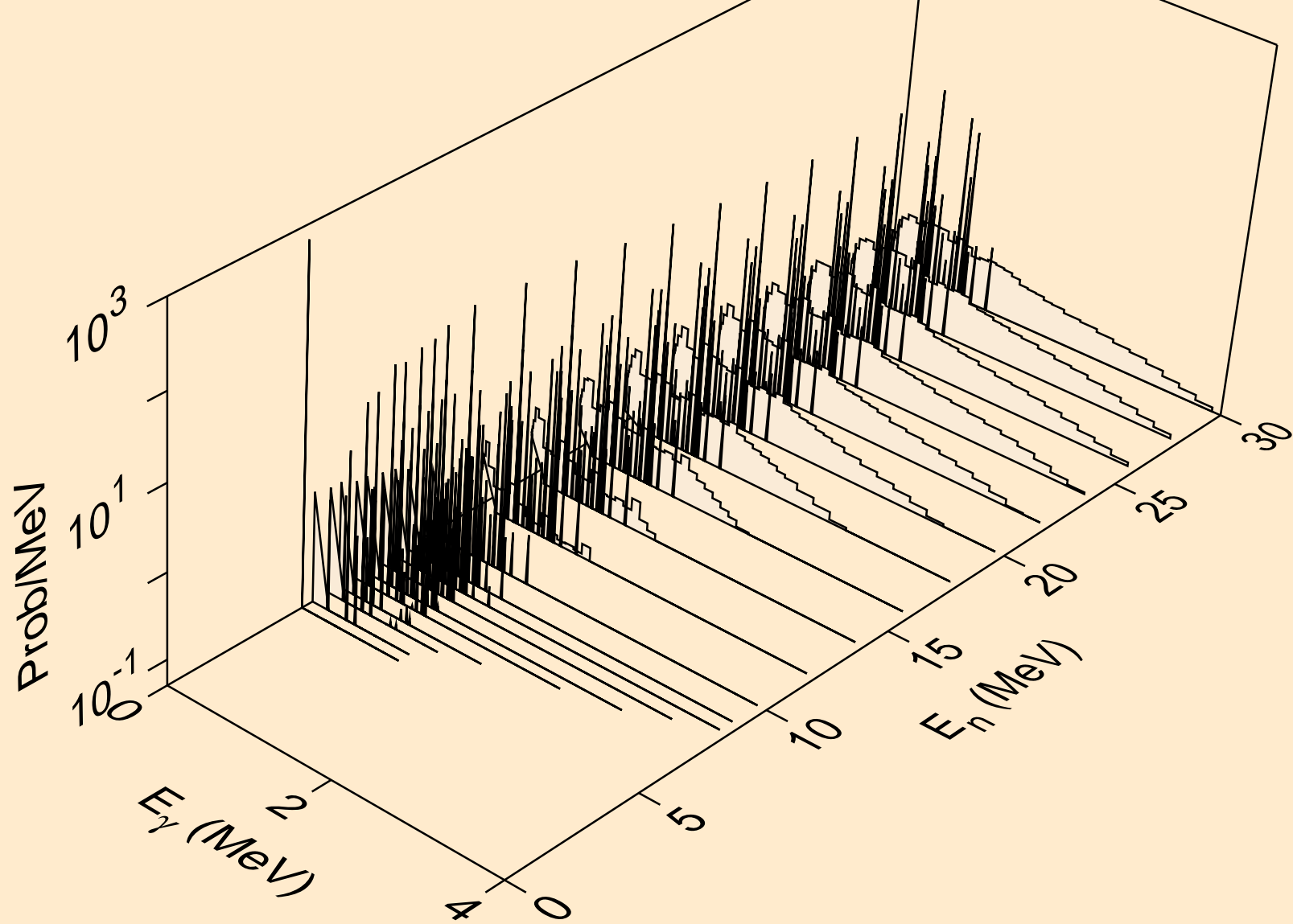
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Photon emission for (n,2n)



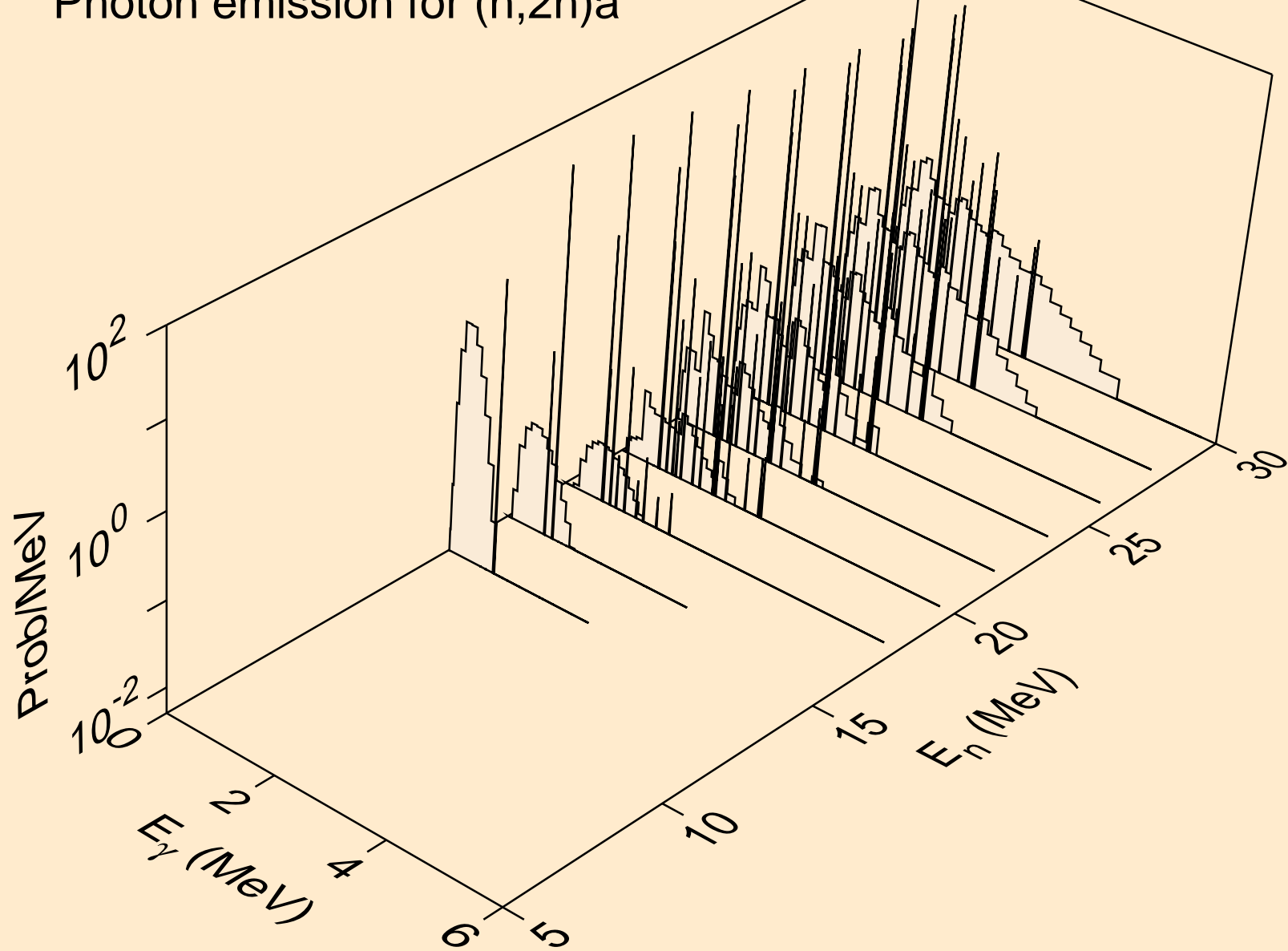
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Photon emission for (n,3n)



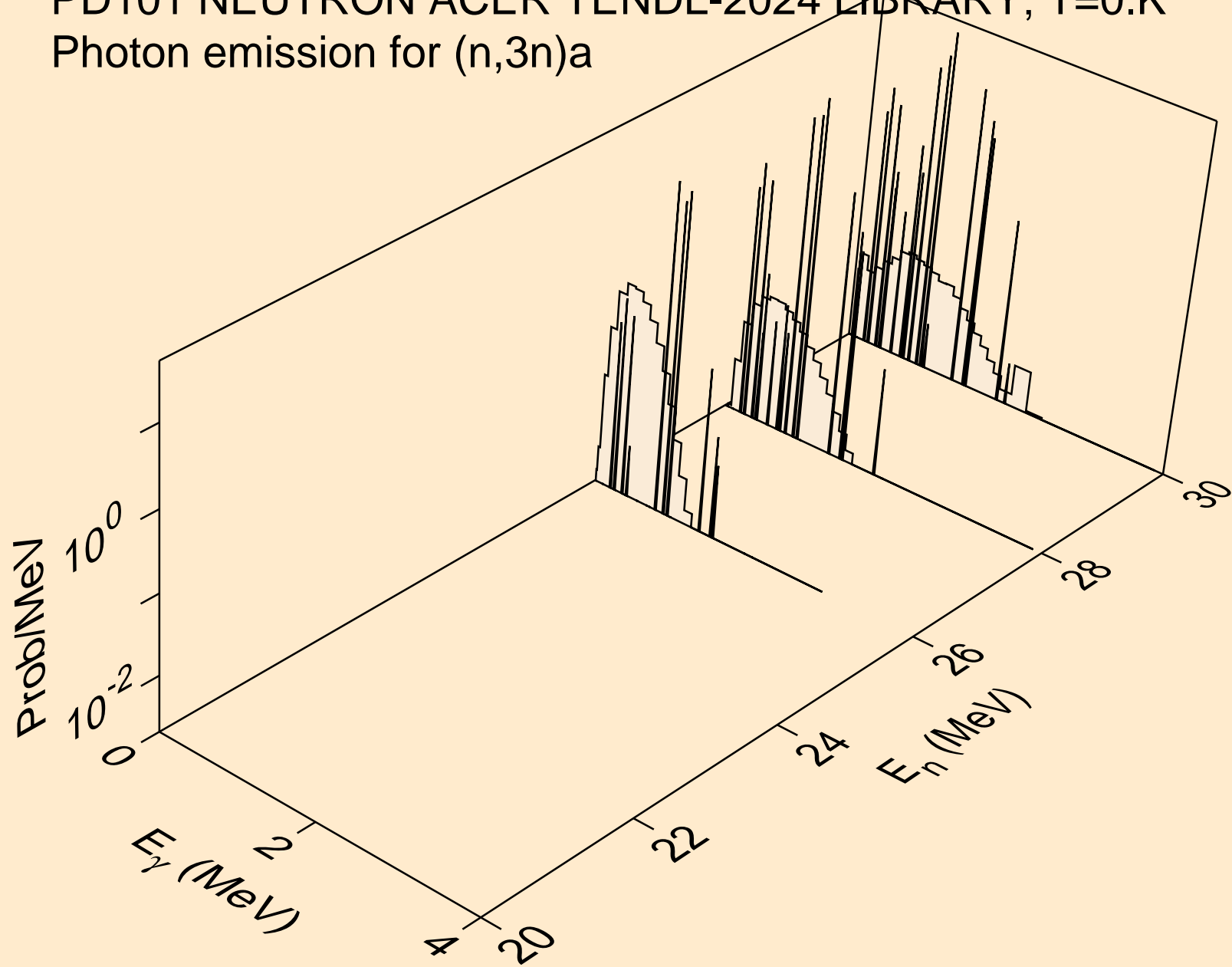
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



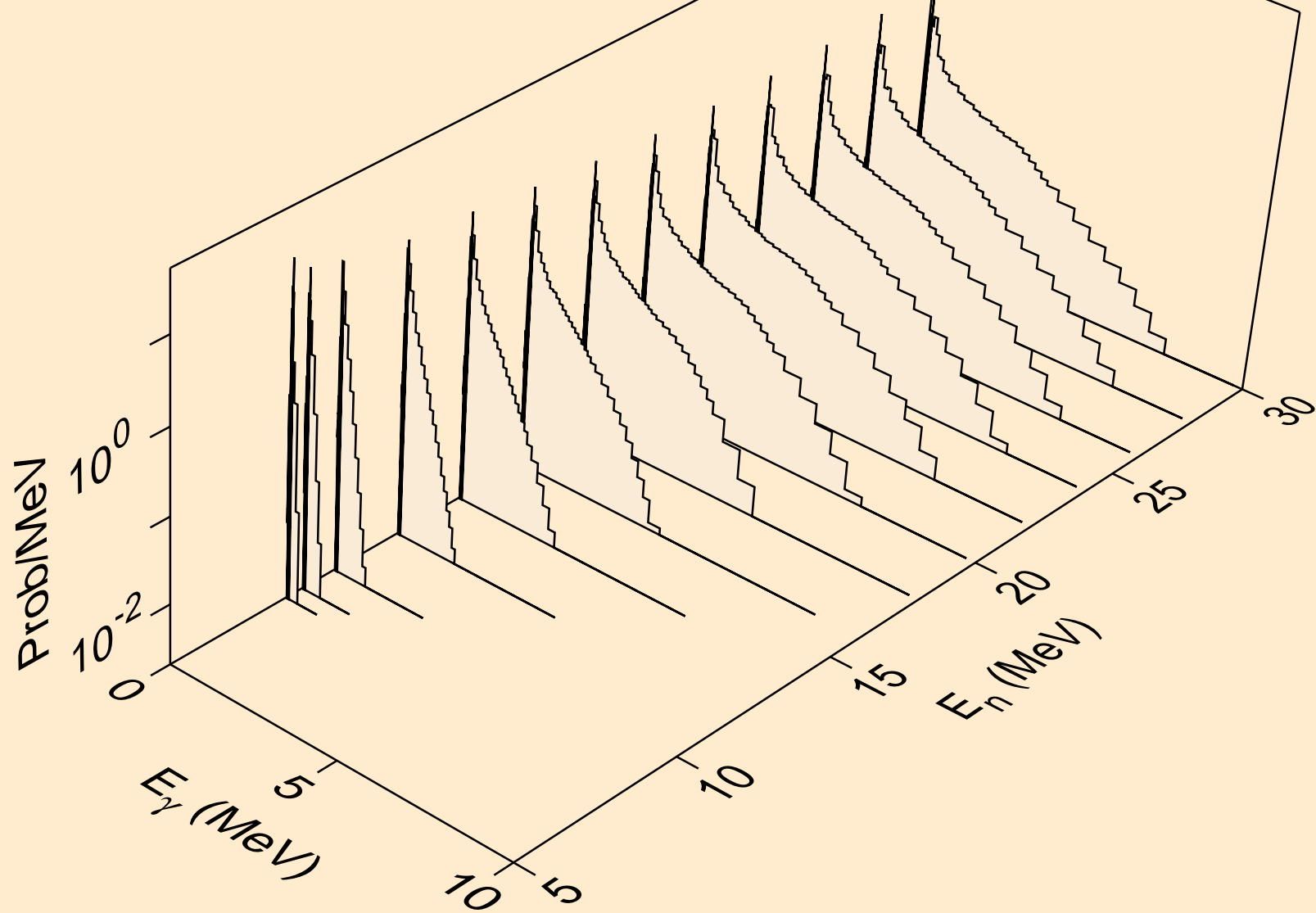
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

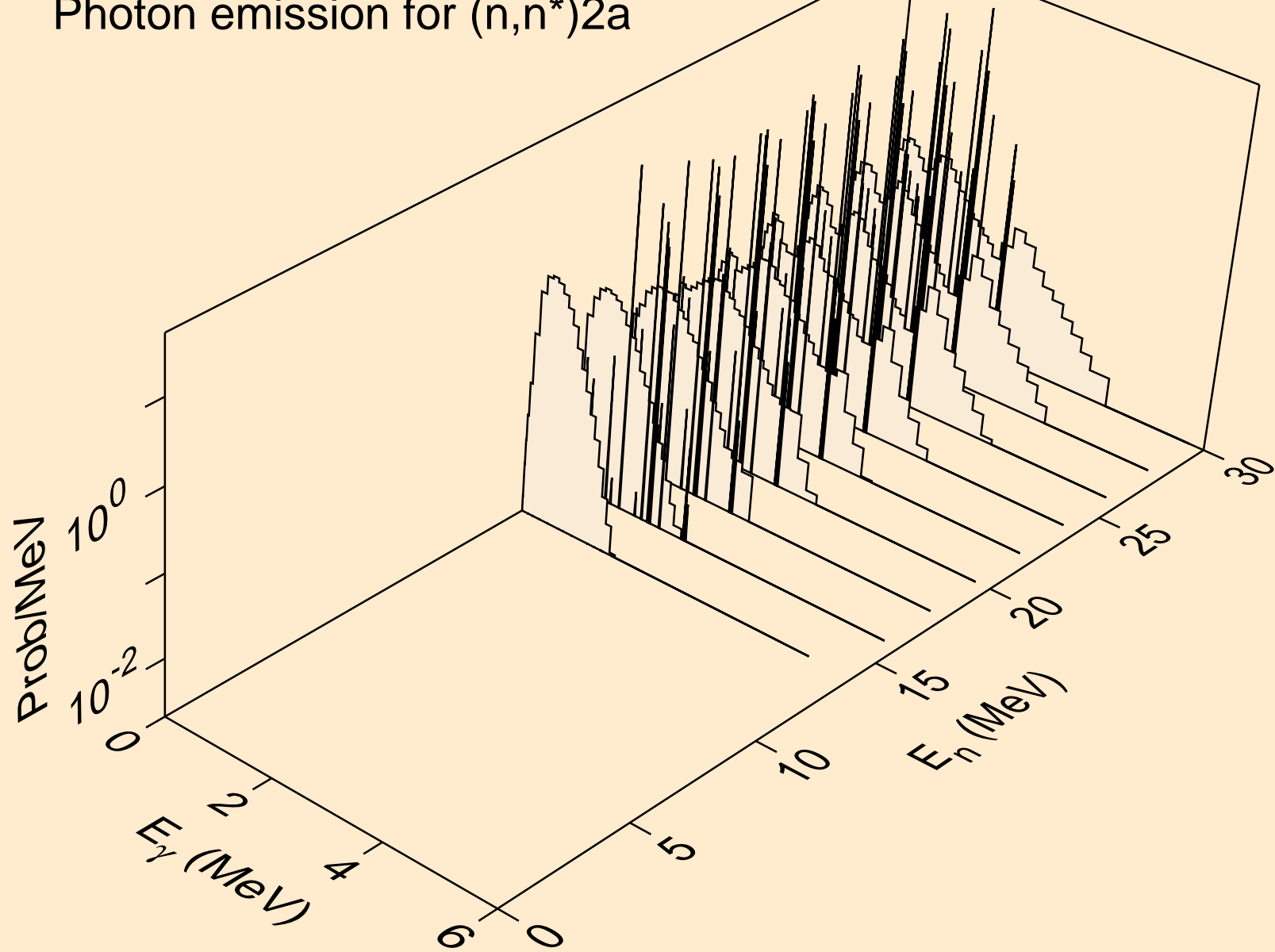


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

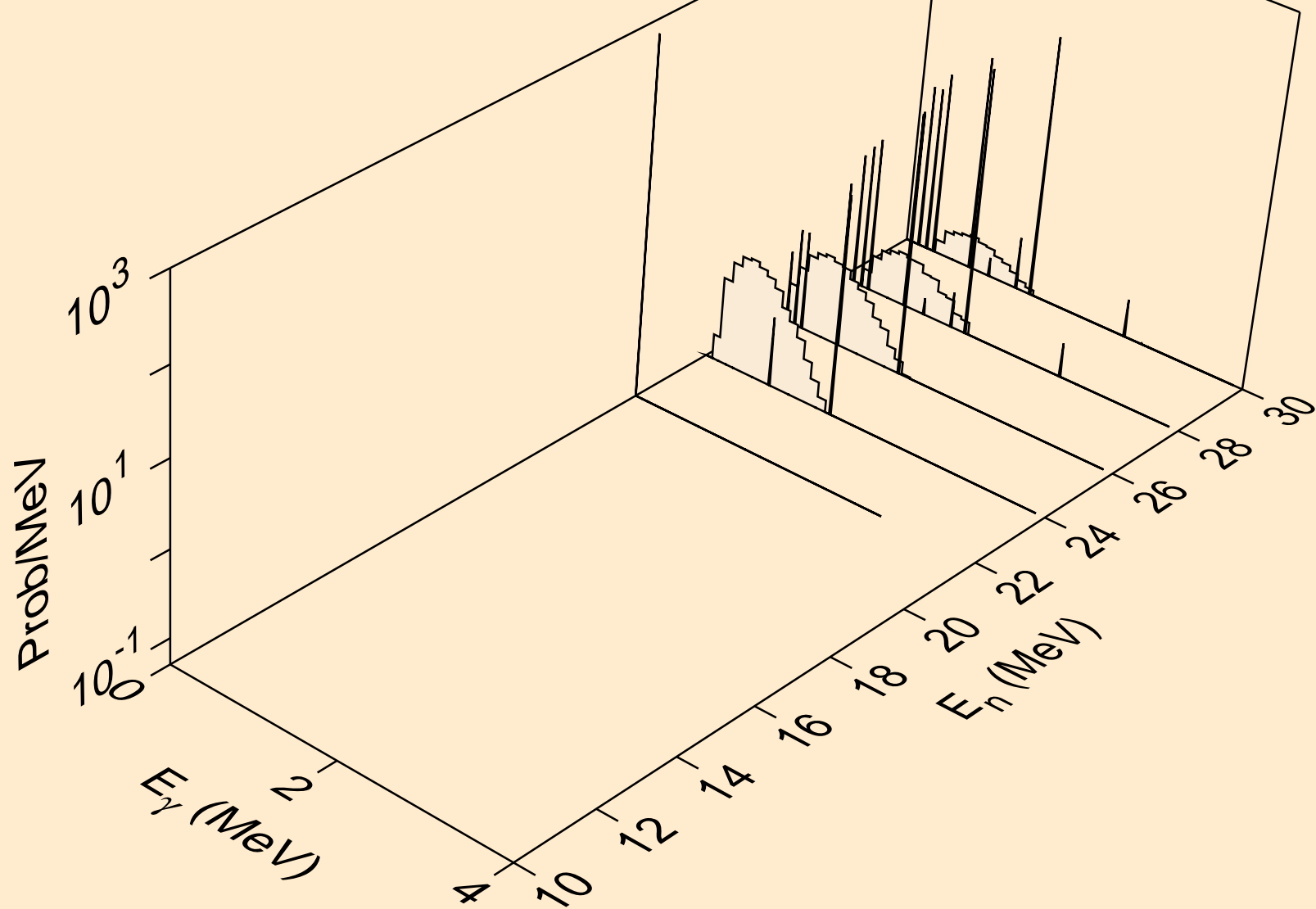




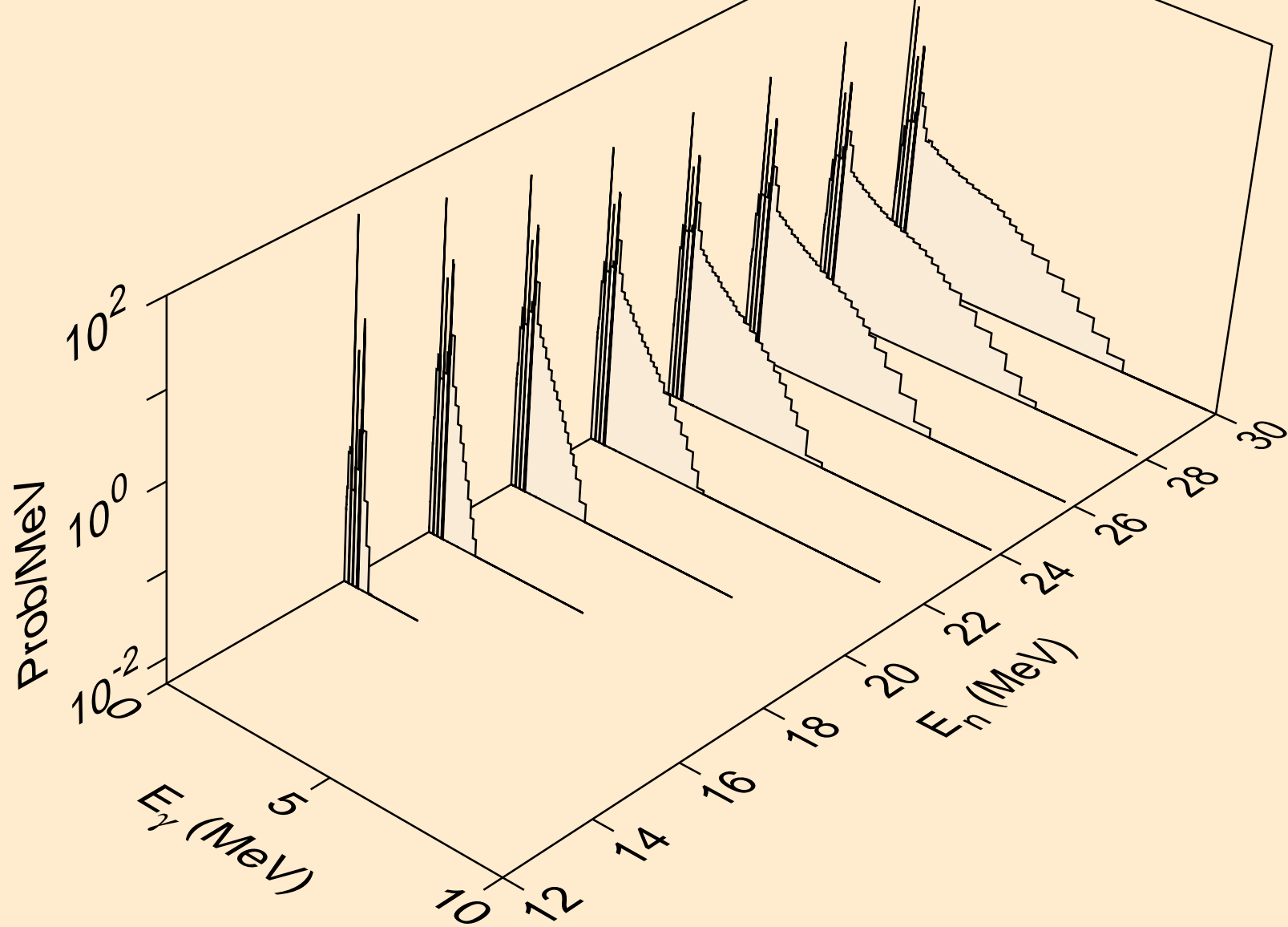
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



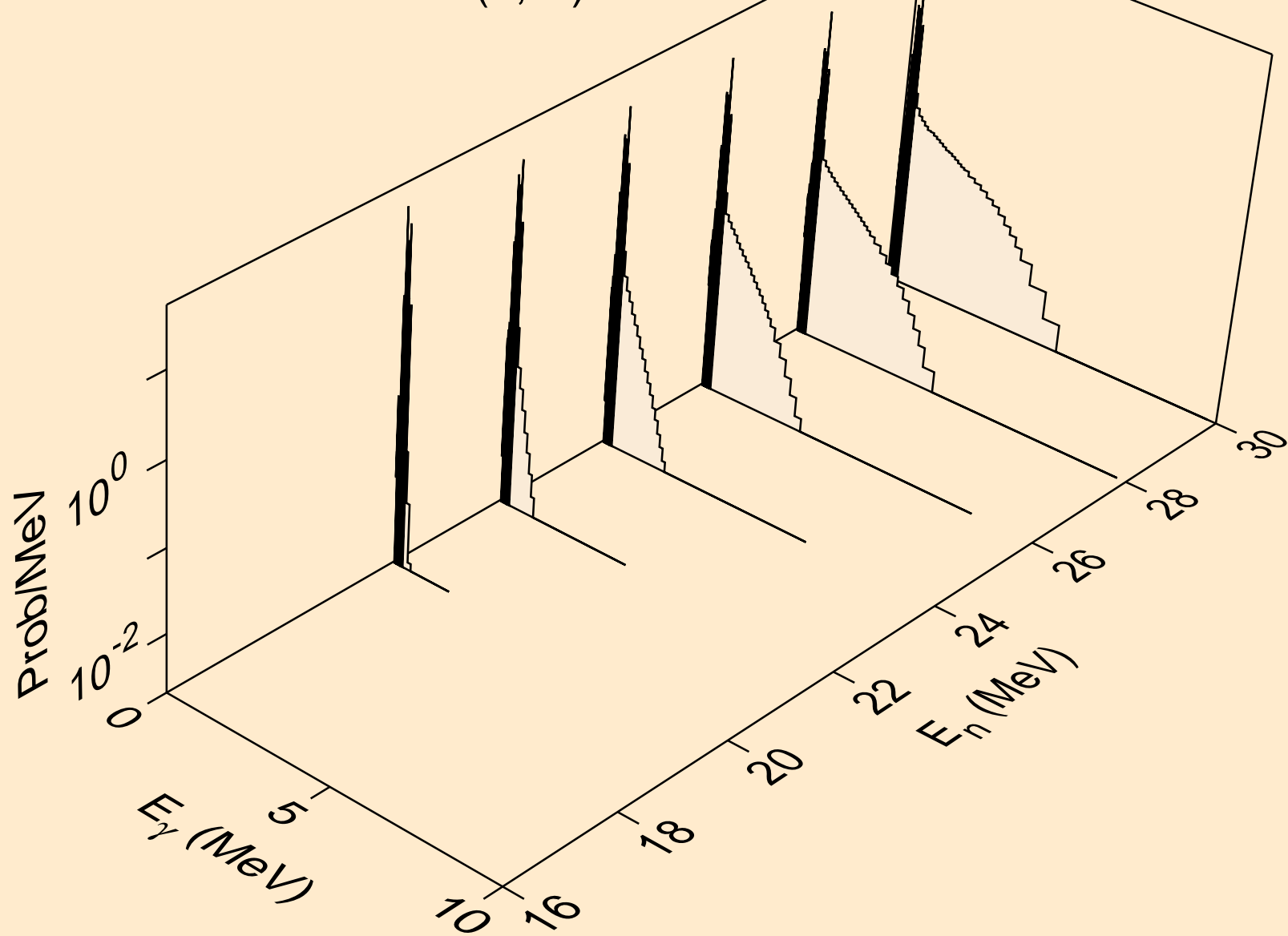
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Photon emission for (n,2n)2a



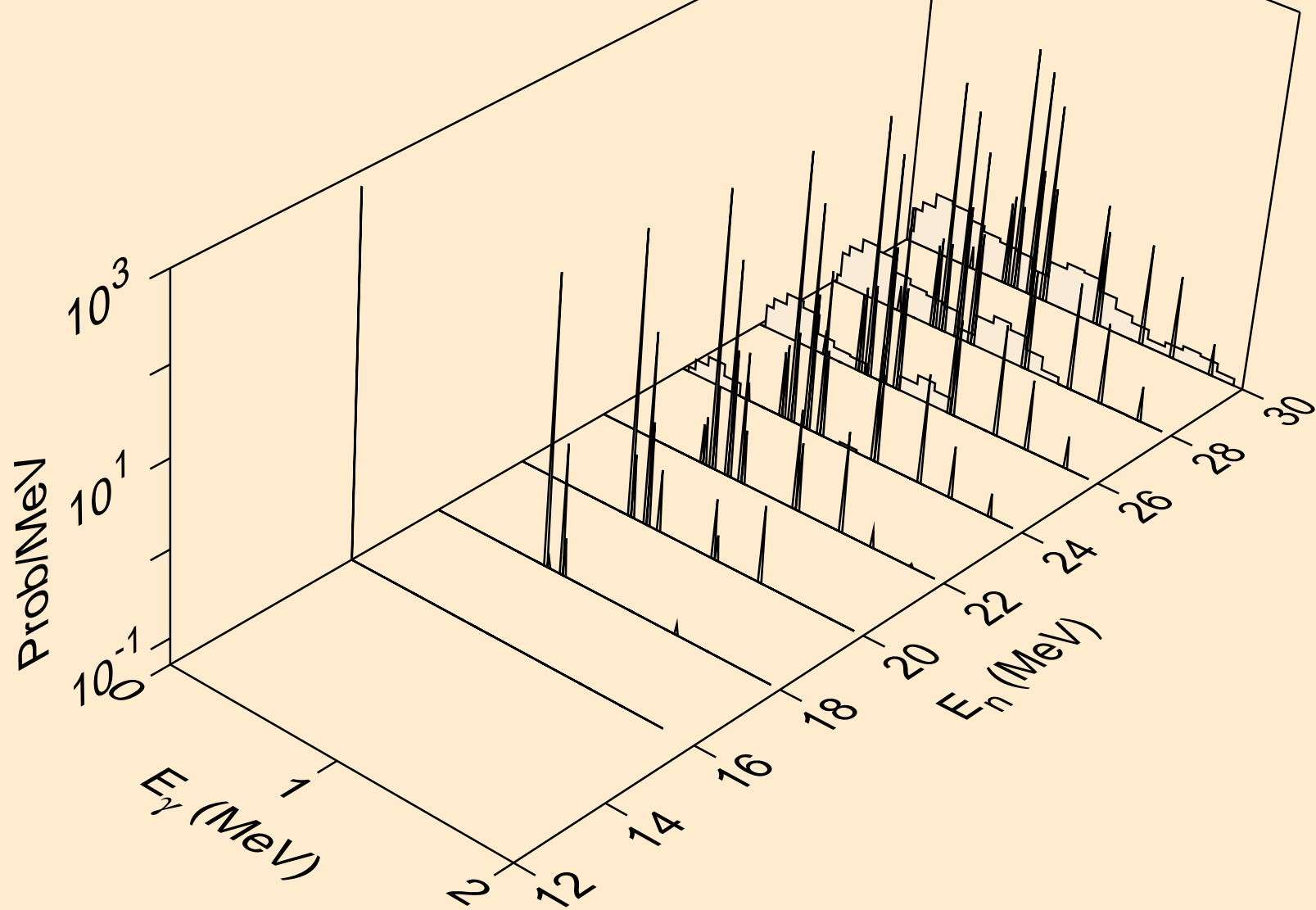
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



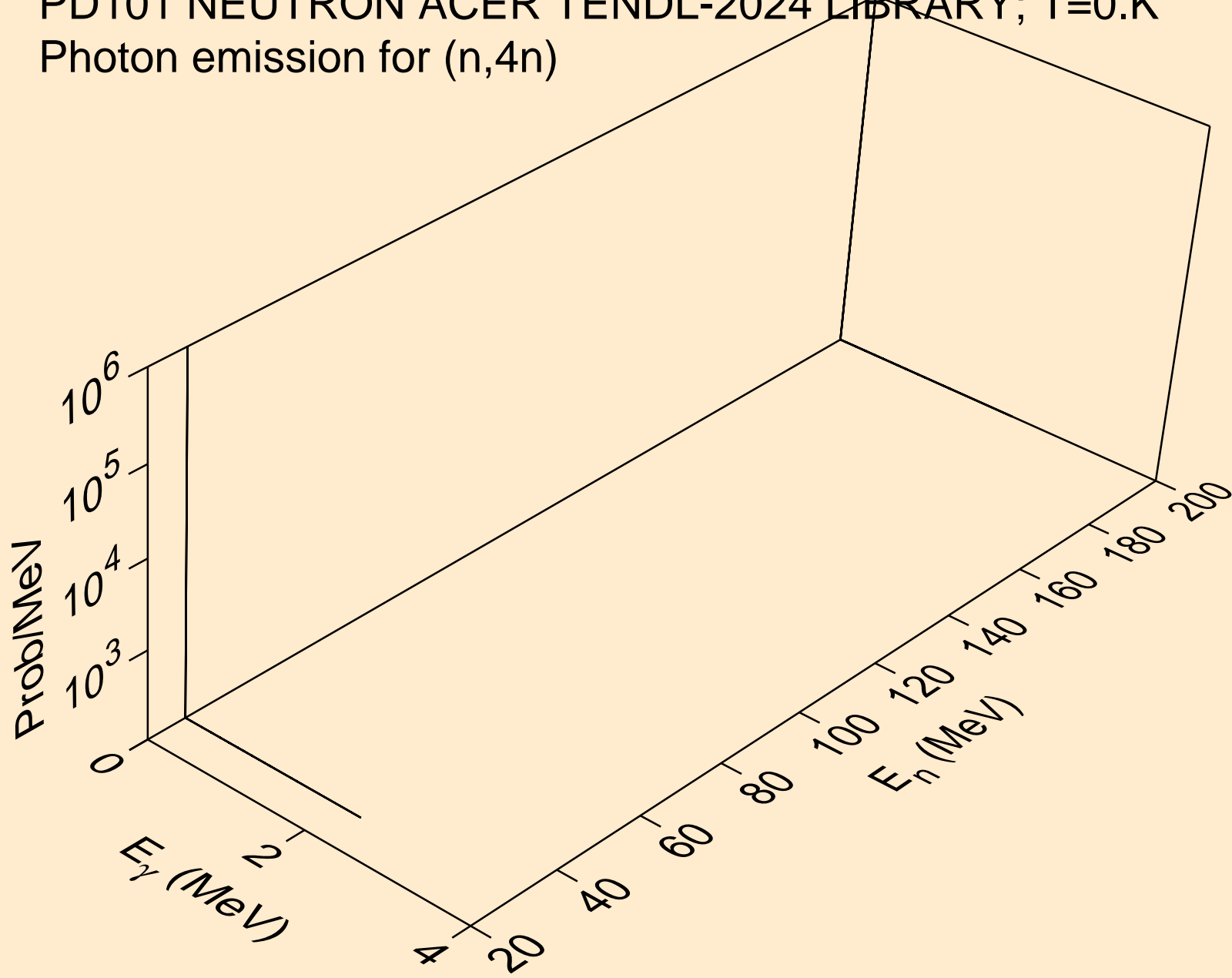
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



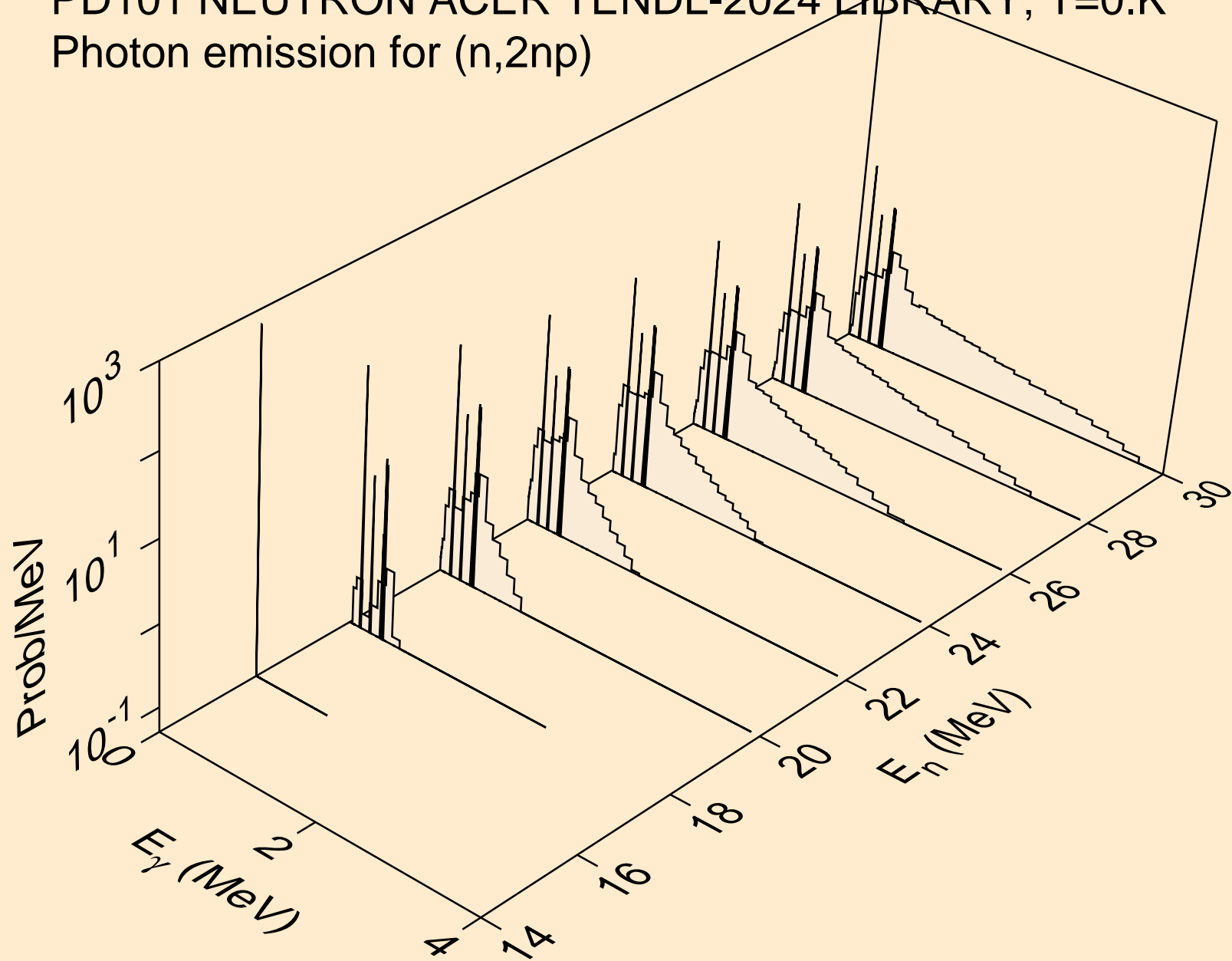
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



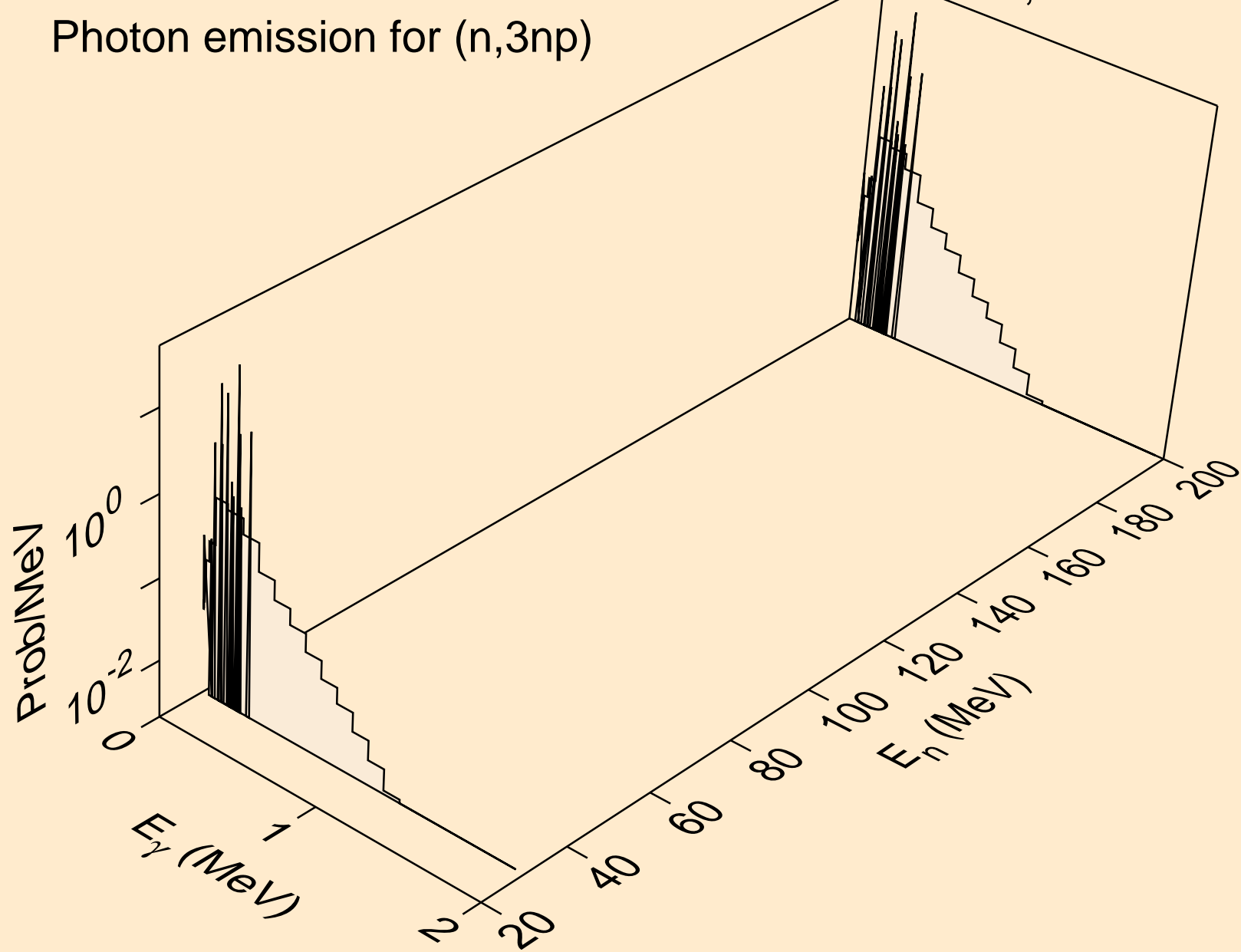
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

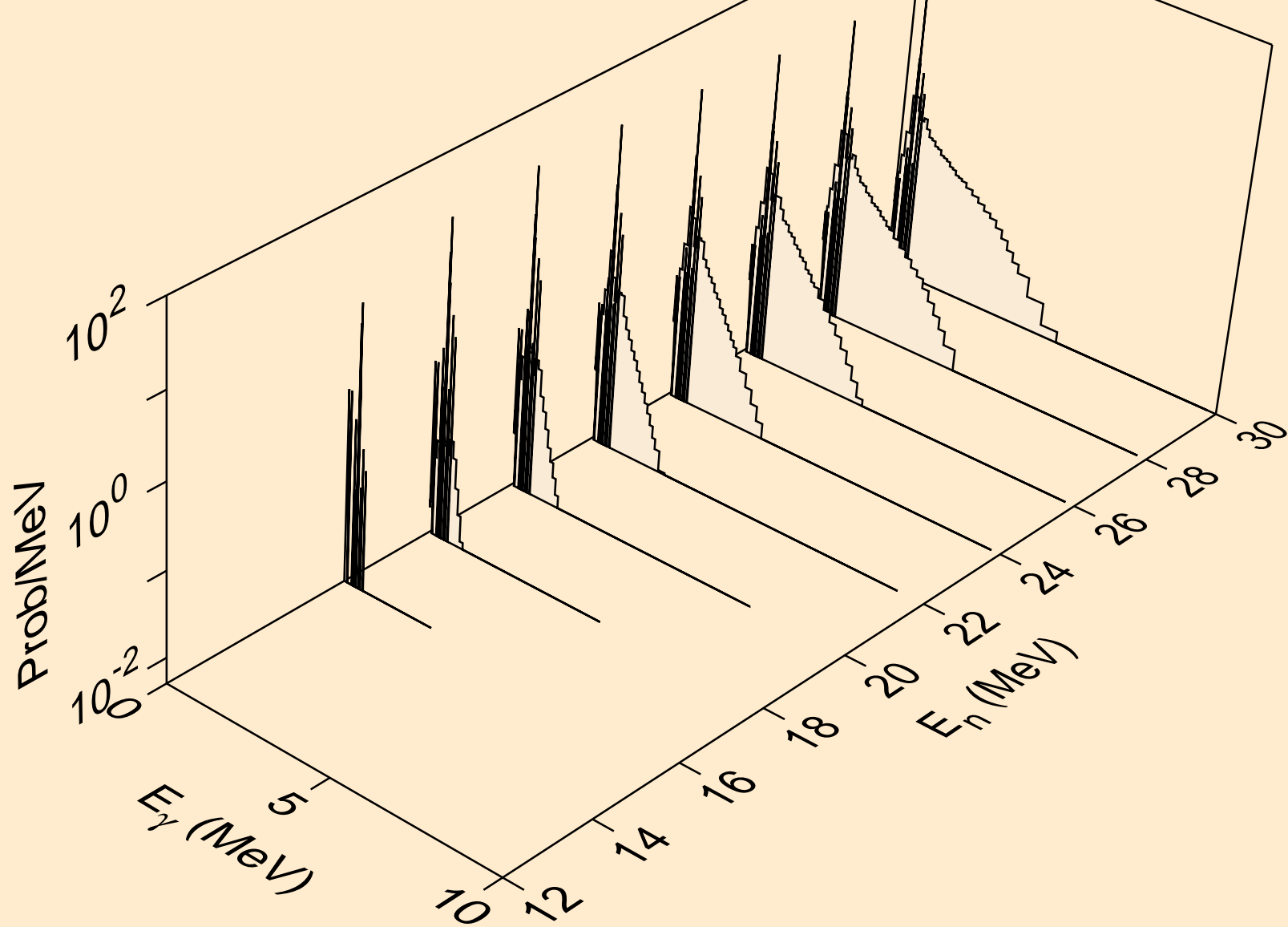


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Photon emission for (n,3np)

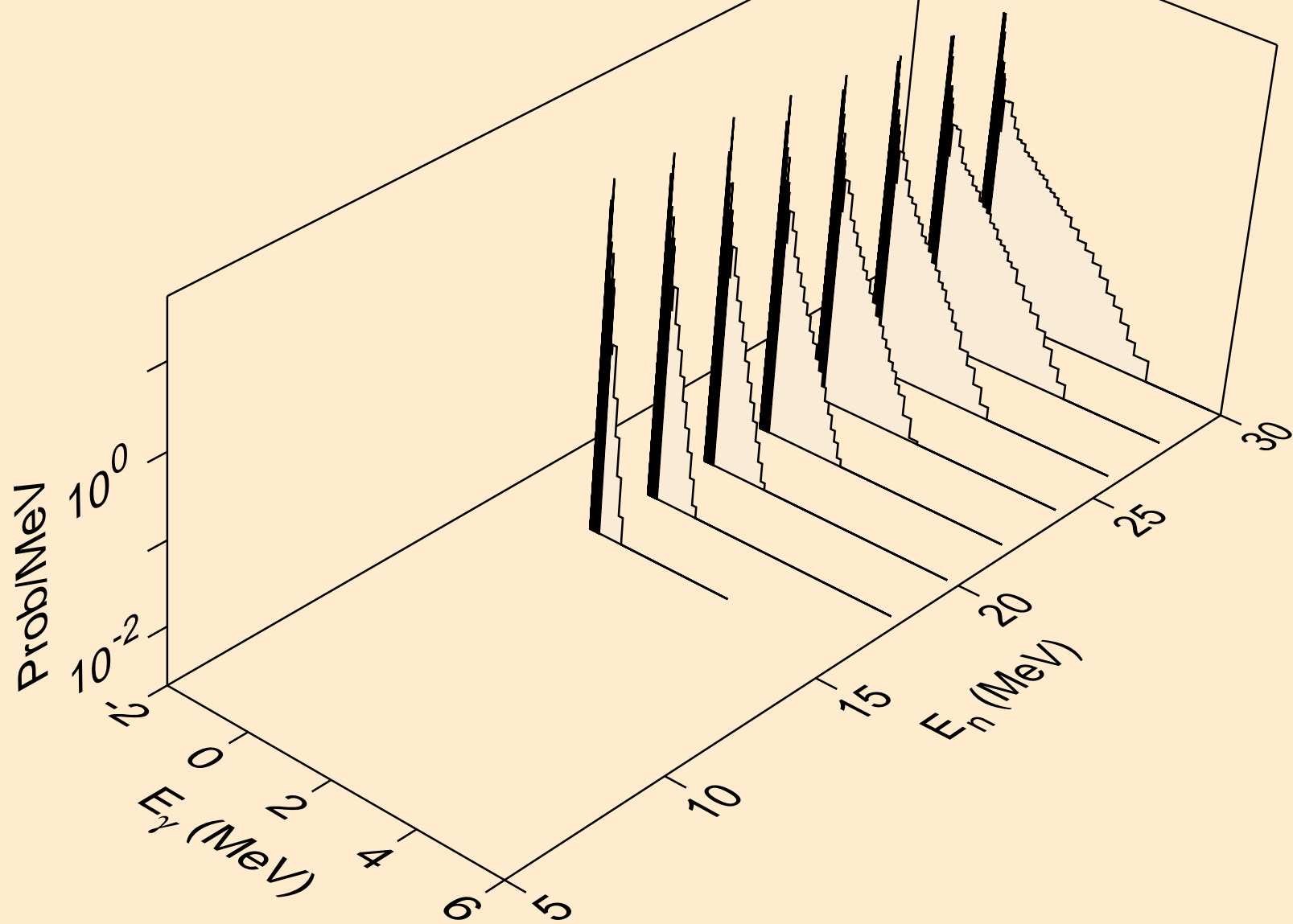




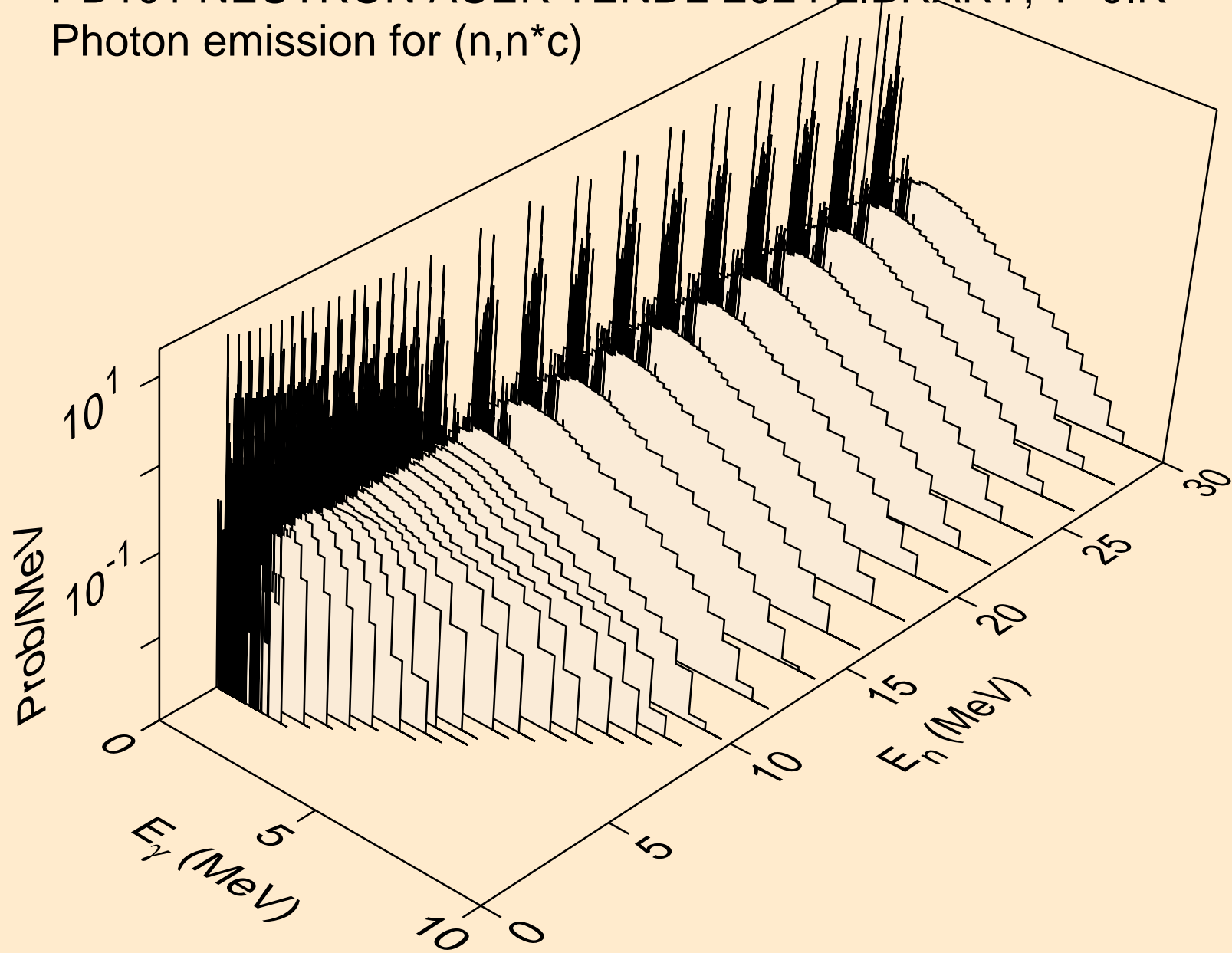
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Photon emission for (n,n2p)



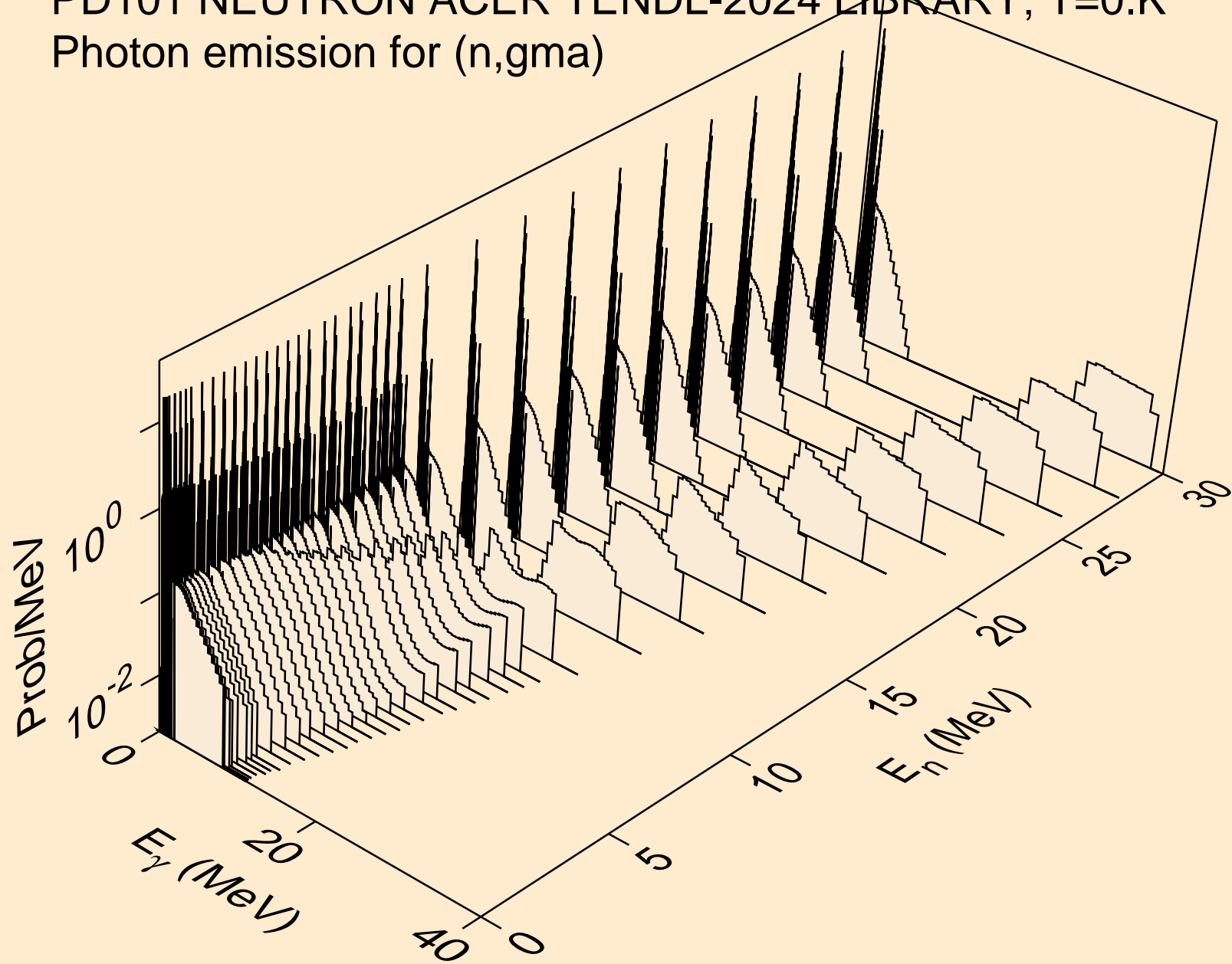
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Photon emission for (n,npa)



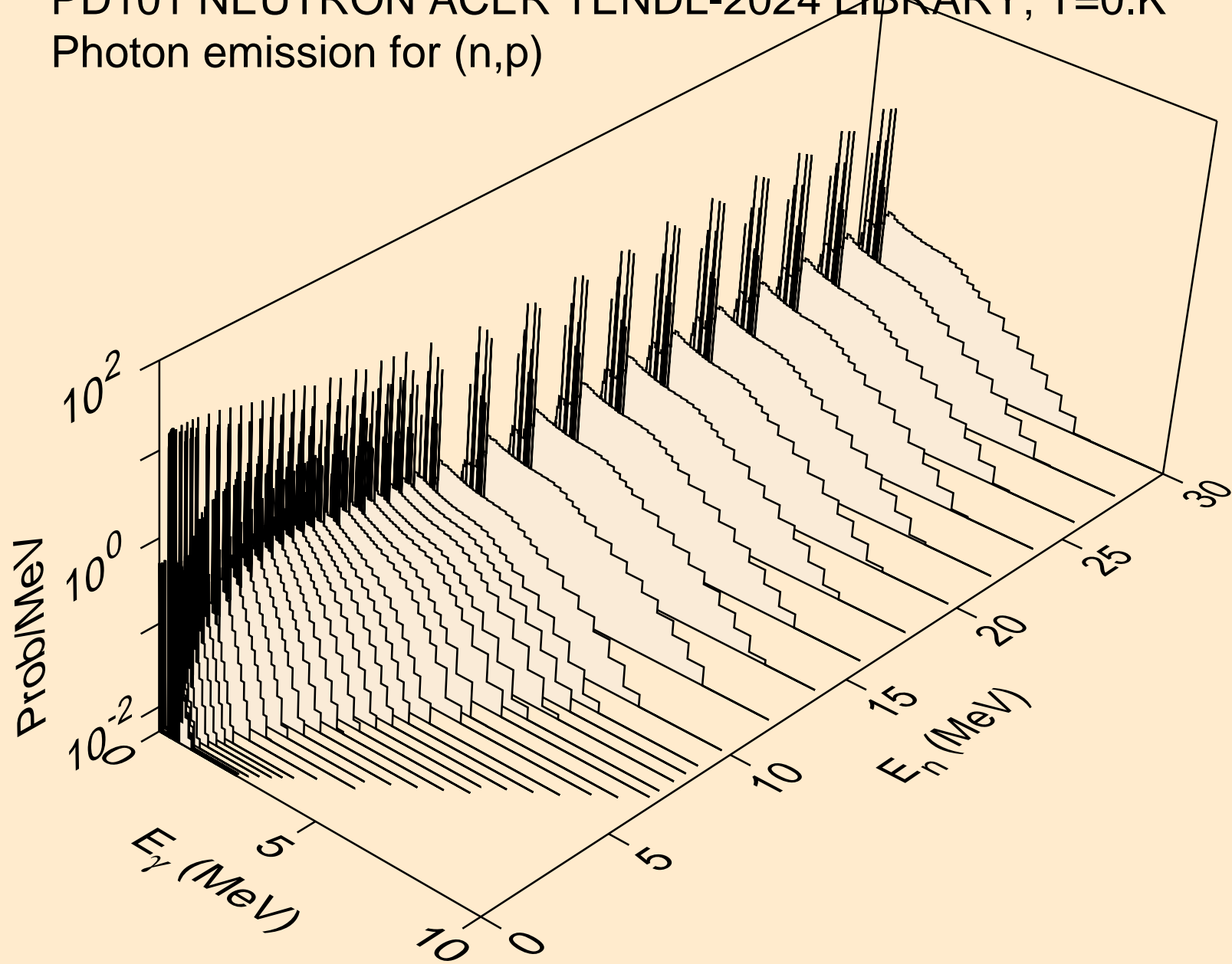
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Photon emission for (n,n\*c)



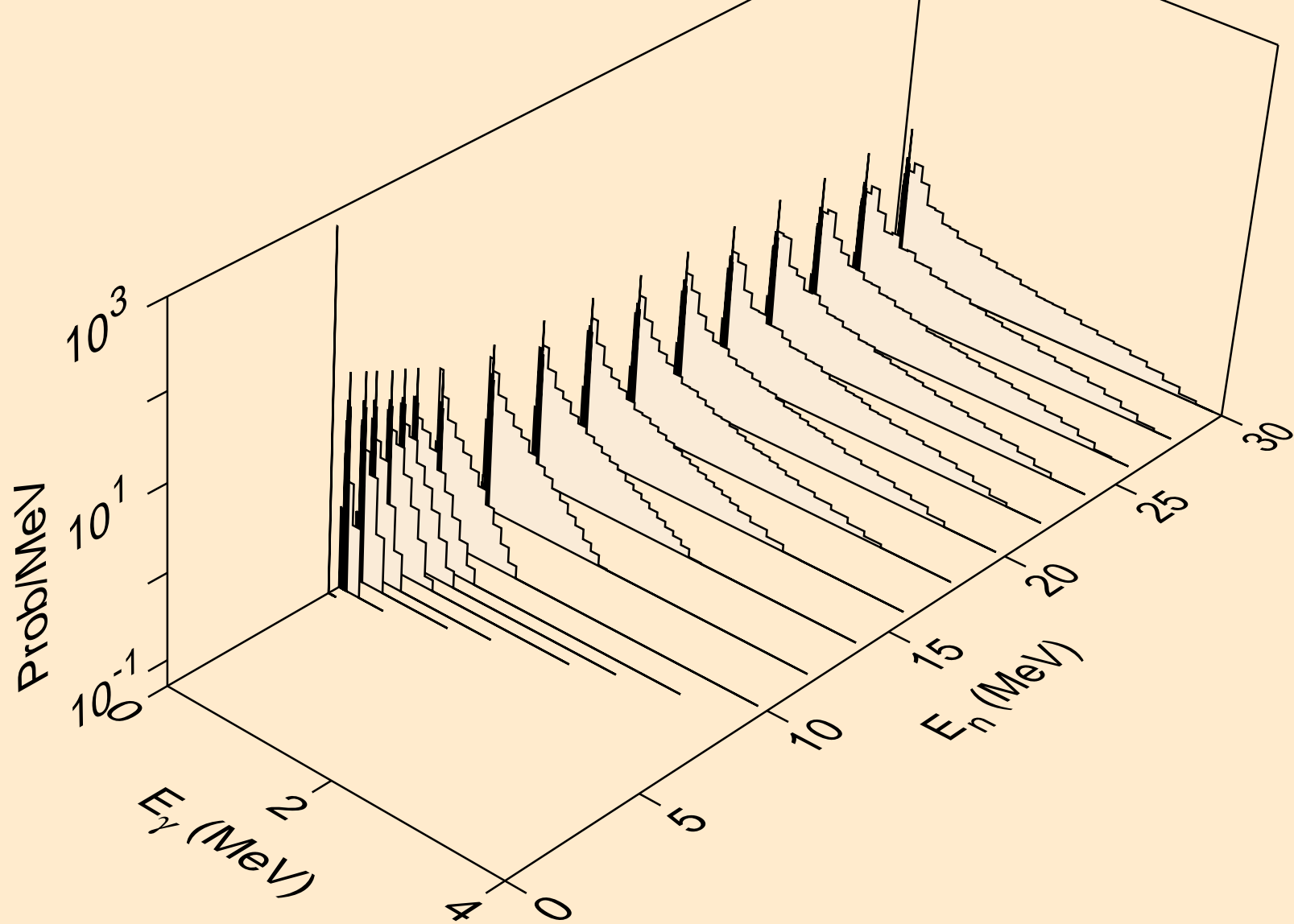
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Photon emission for (n,gma)



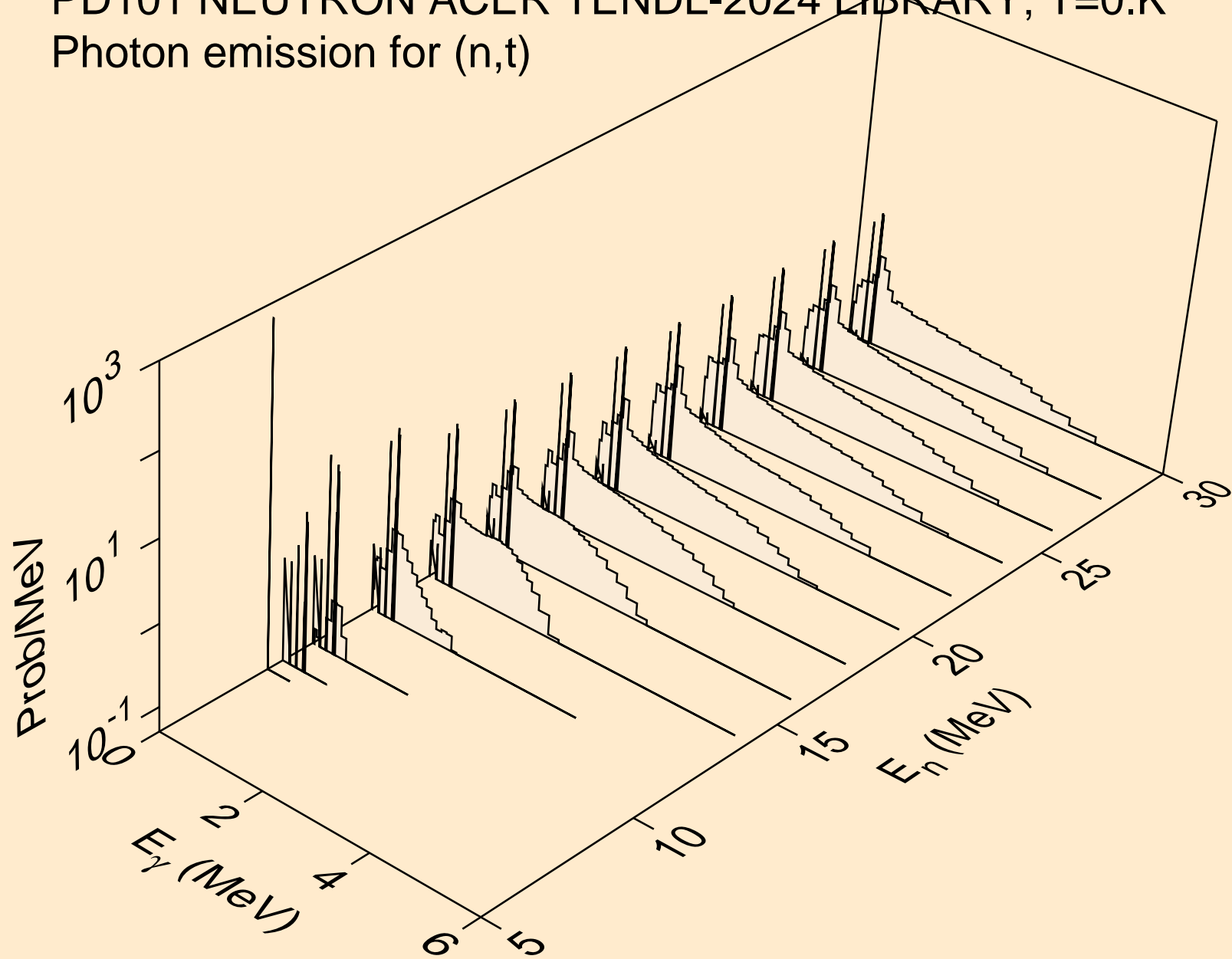
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Photon emission for (n,p)



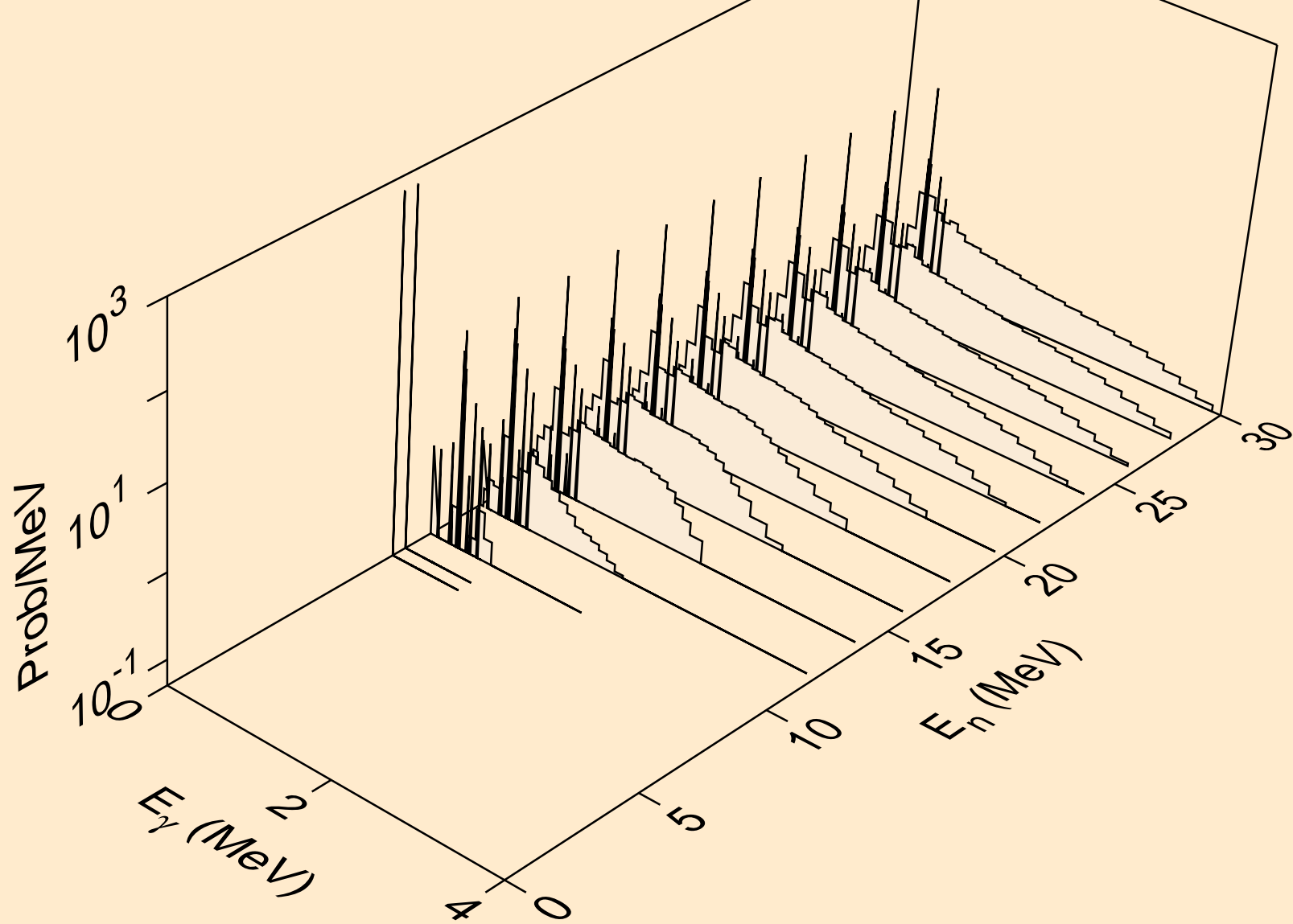
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

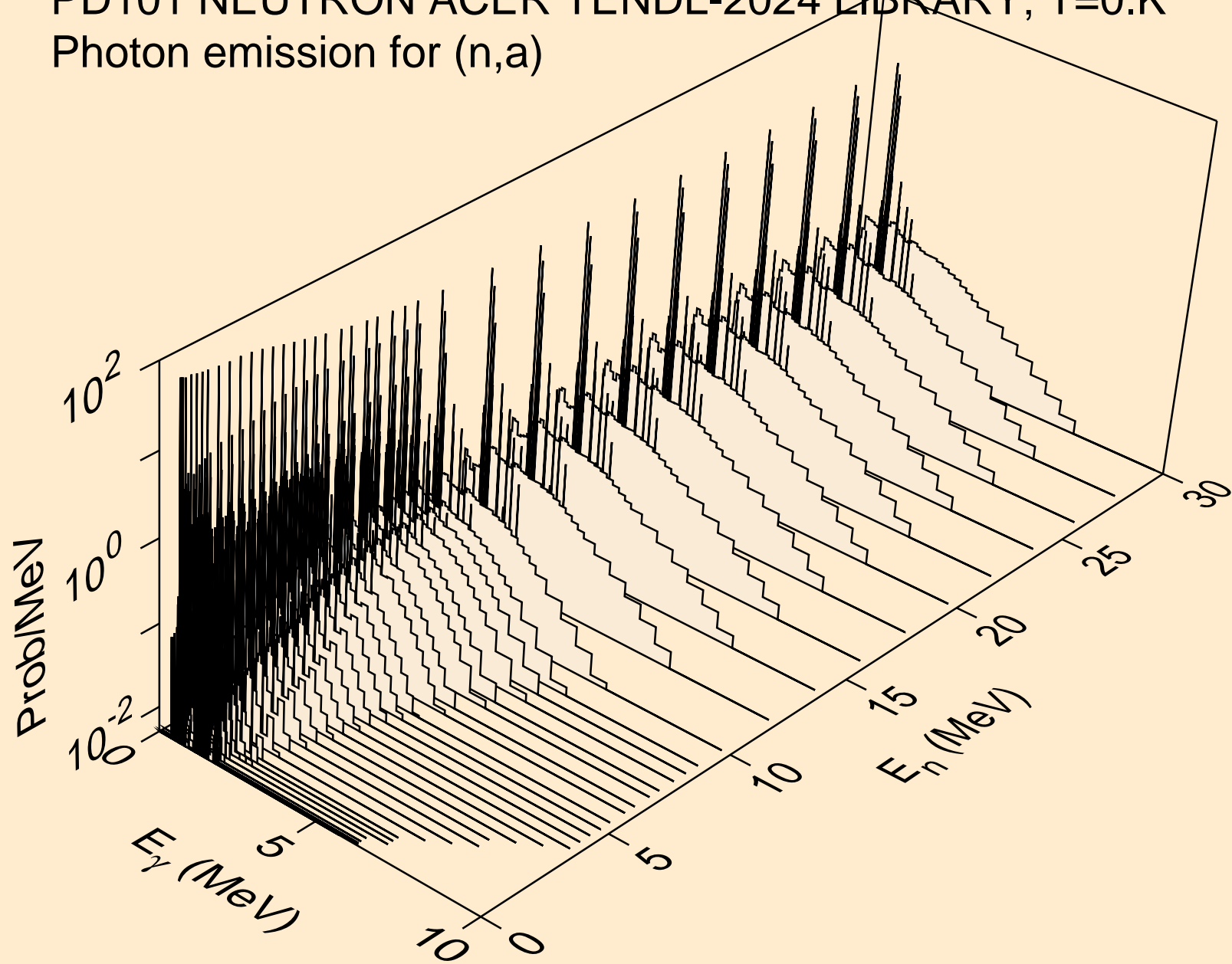


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Photon emission for (n,he3)

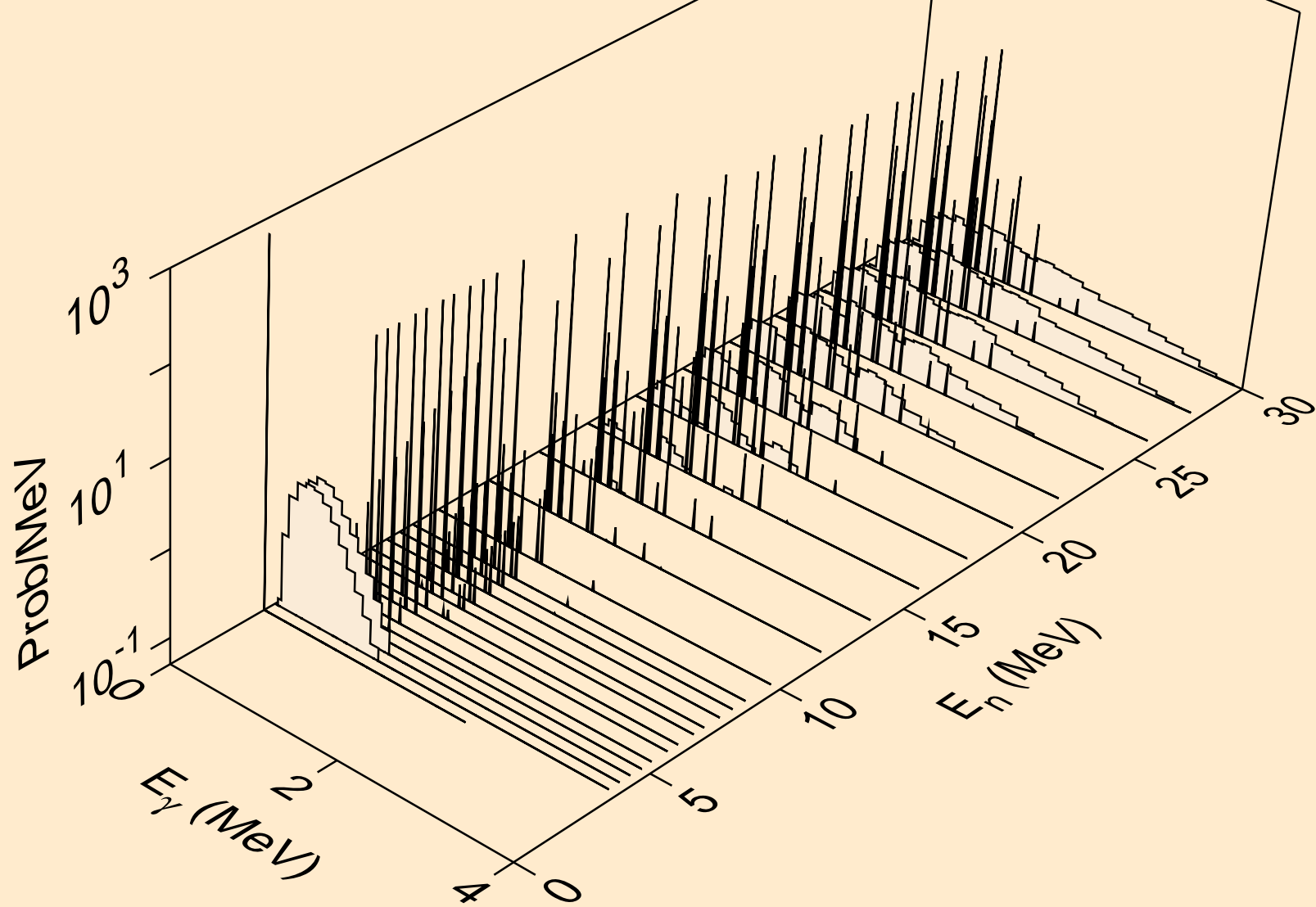




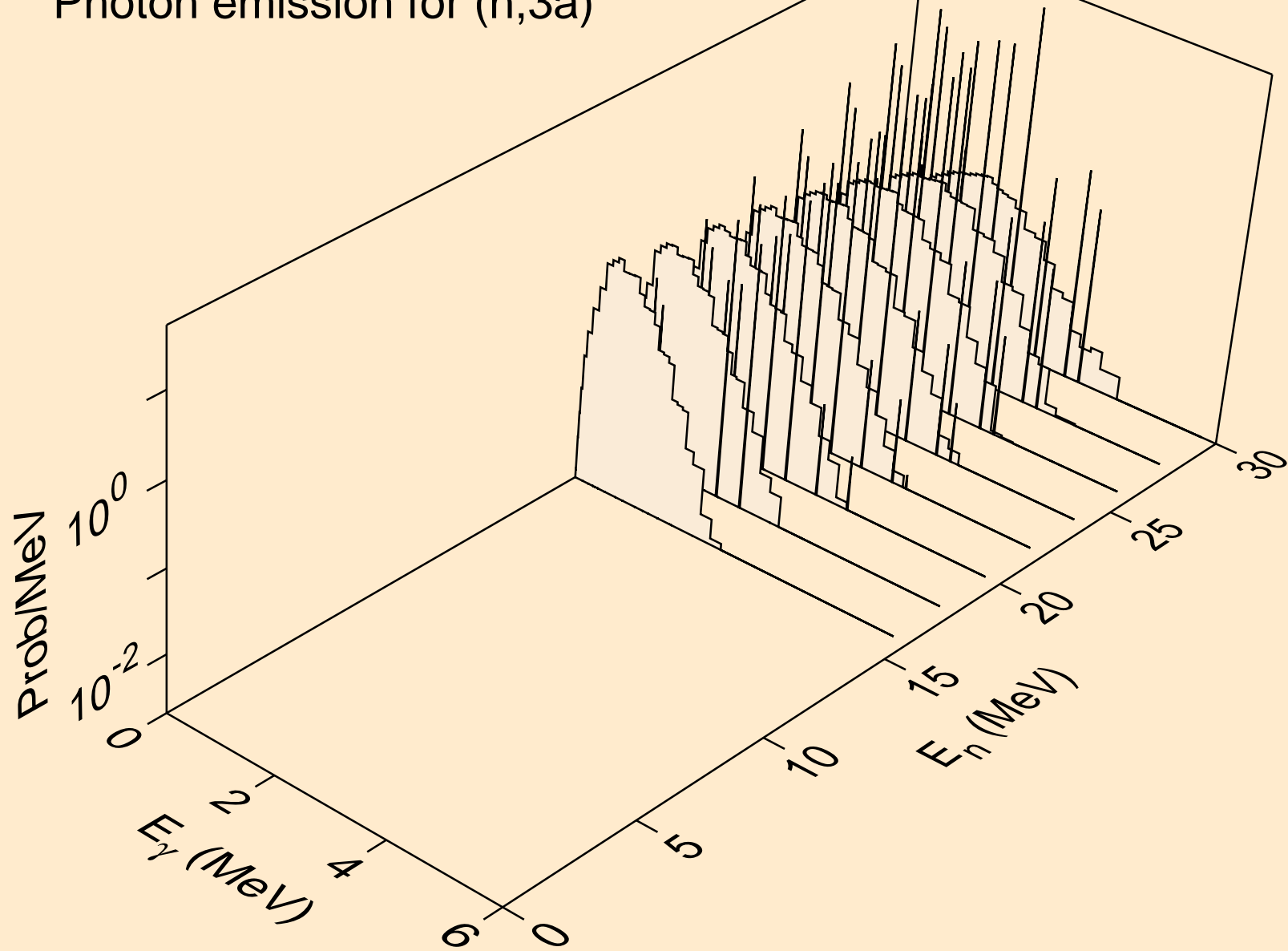
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Photon emission for (n,a)



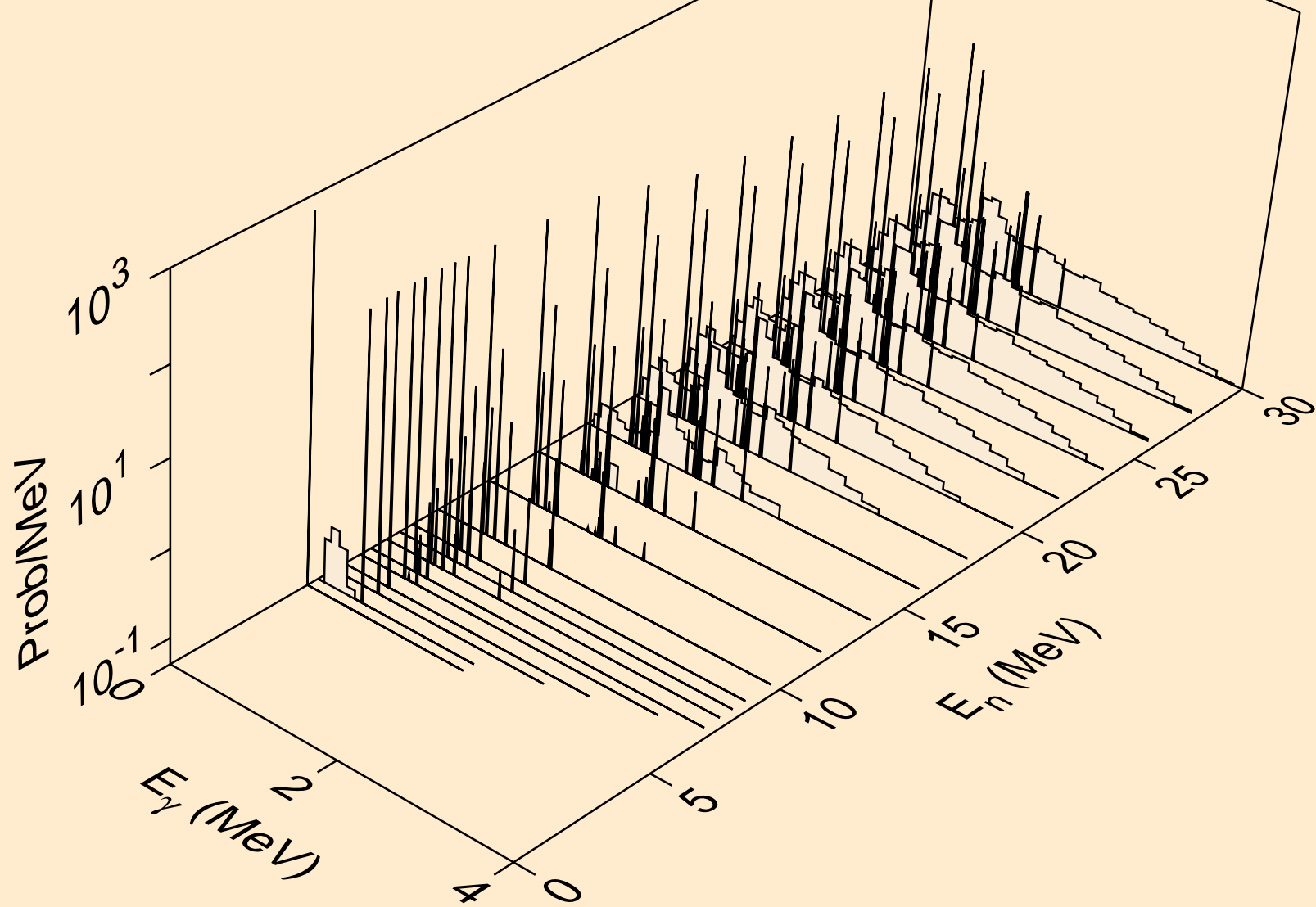
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Photon emission for (n,2a)



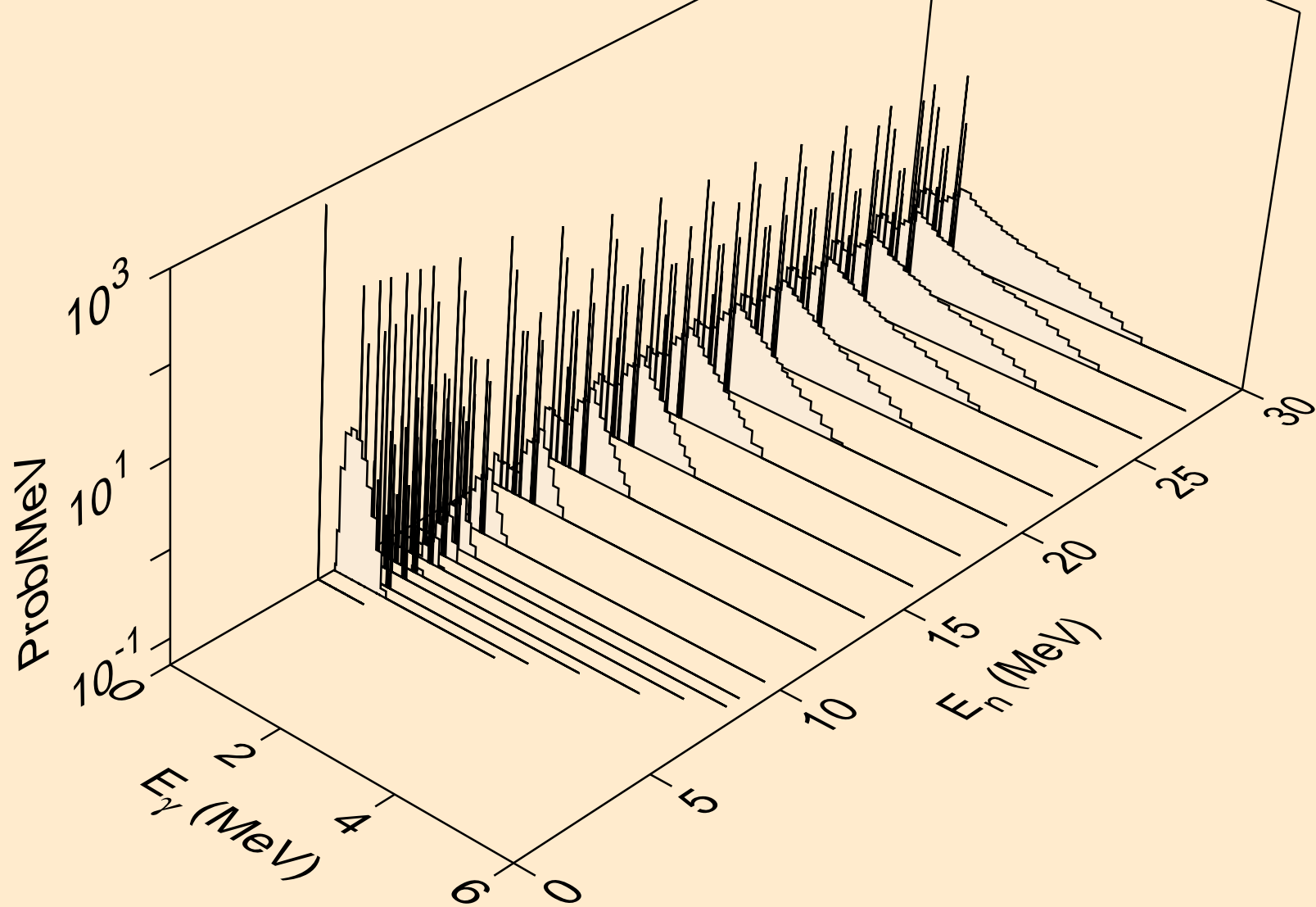
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Photon emission for (n,3a)



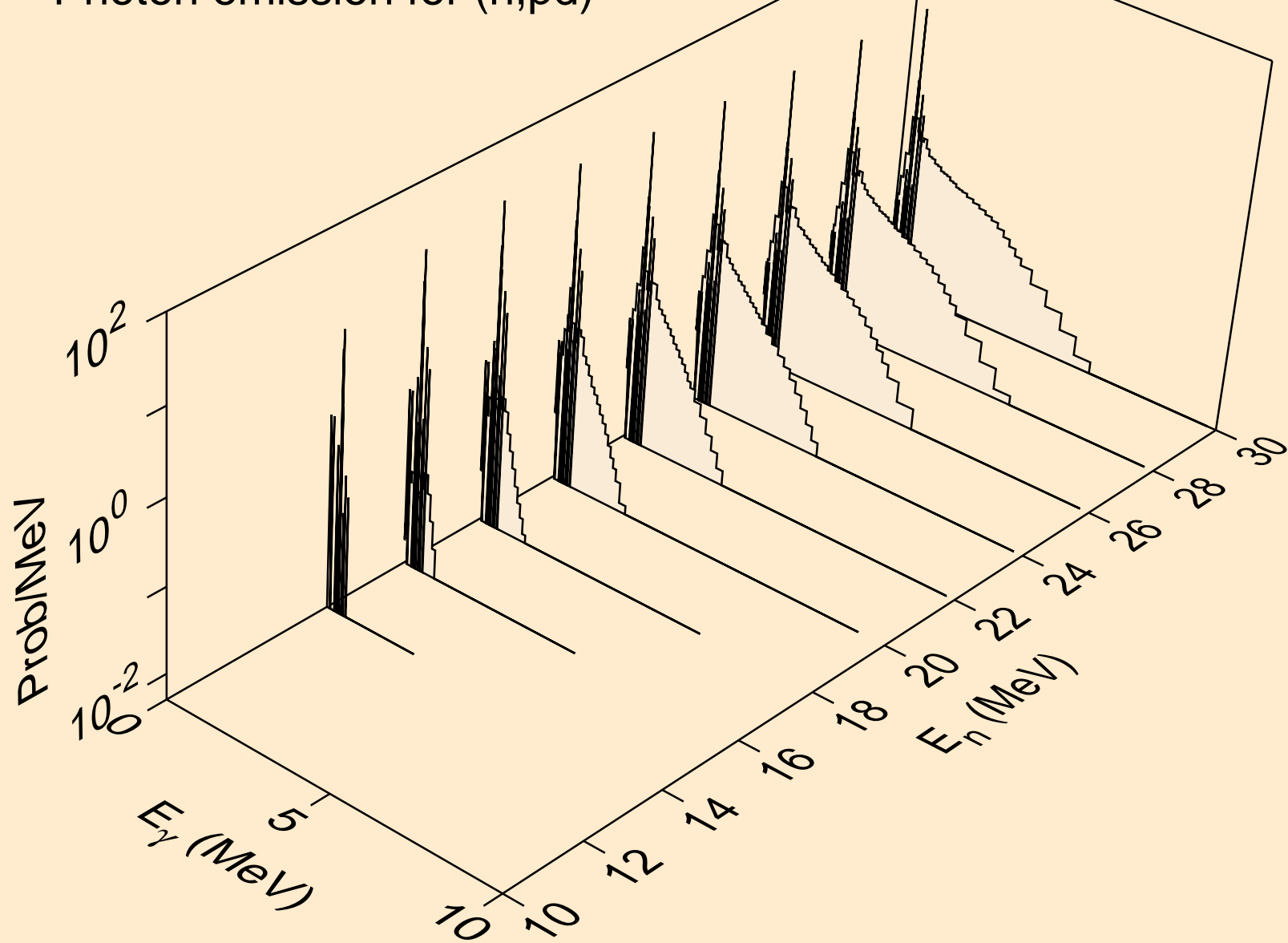
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Photon emission for (n,2p)



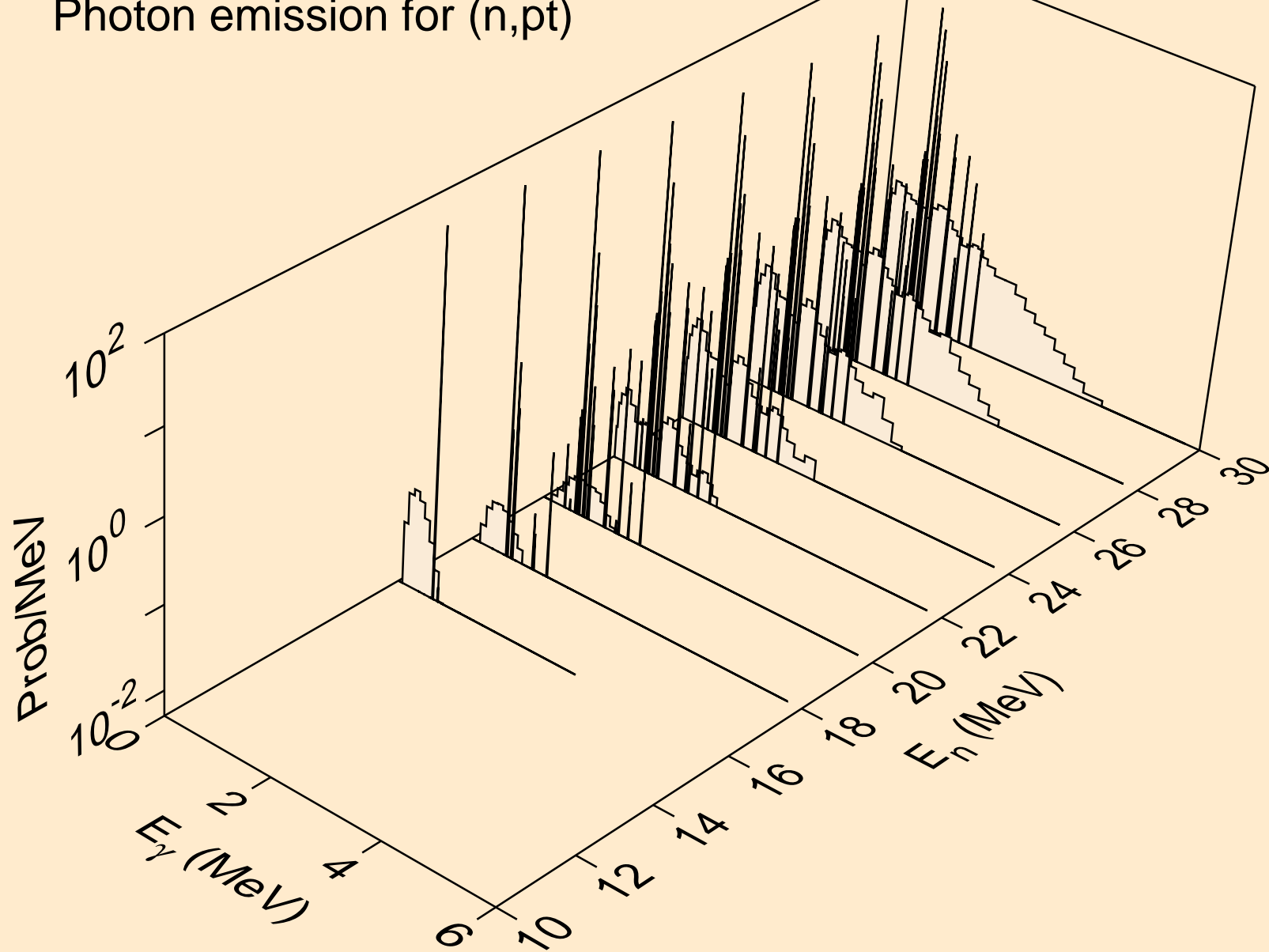
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Photon emission for (n,p)



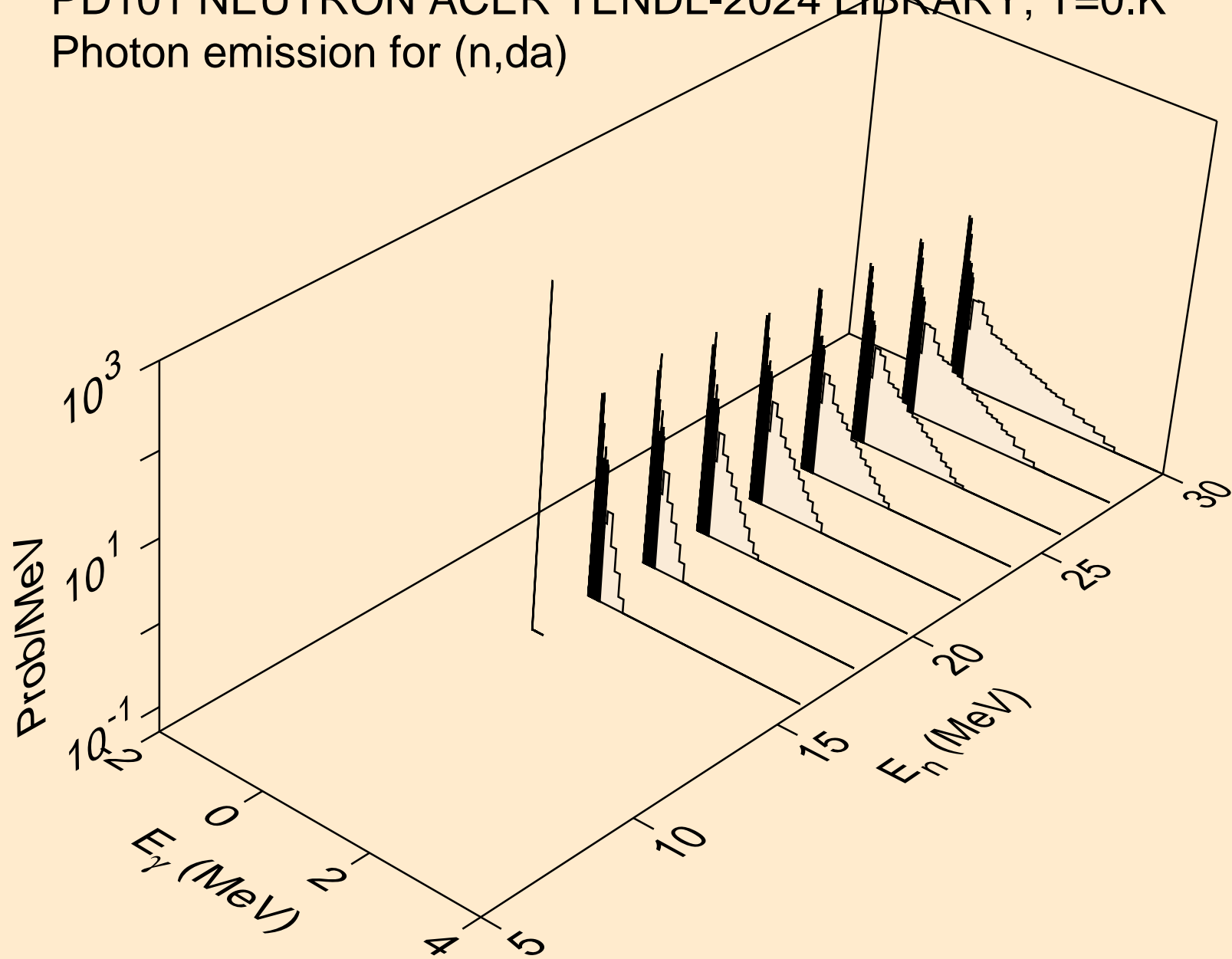
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

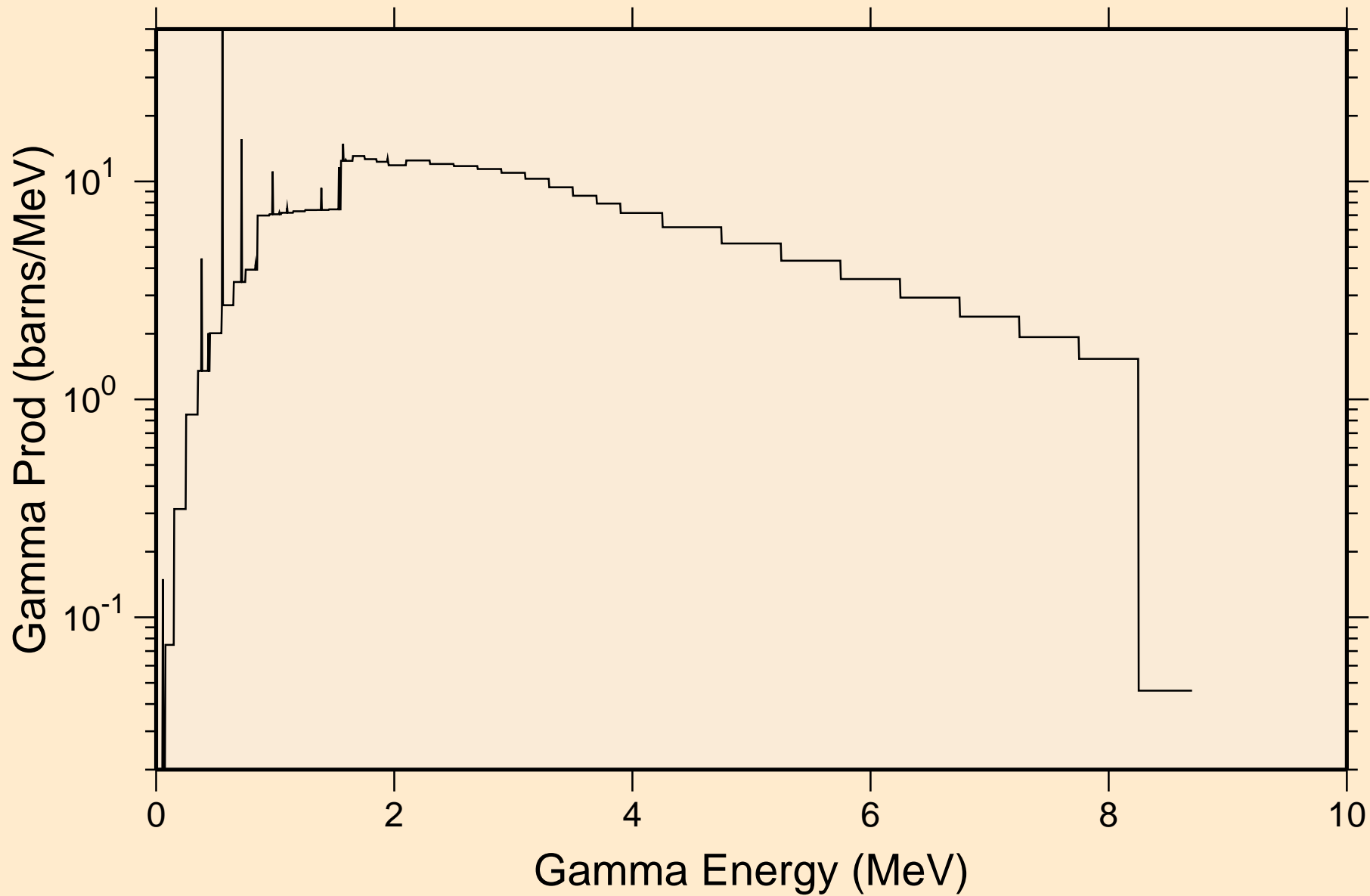


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

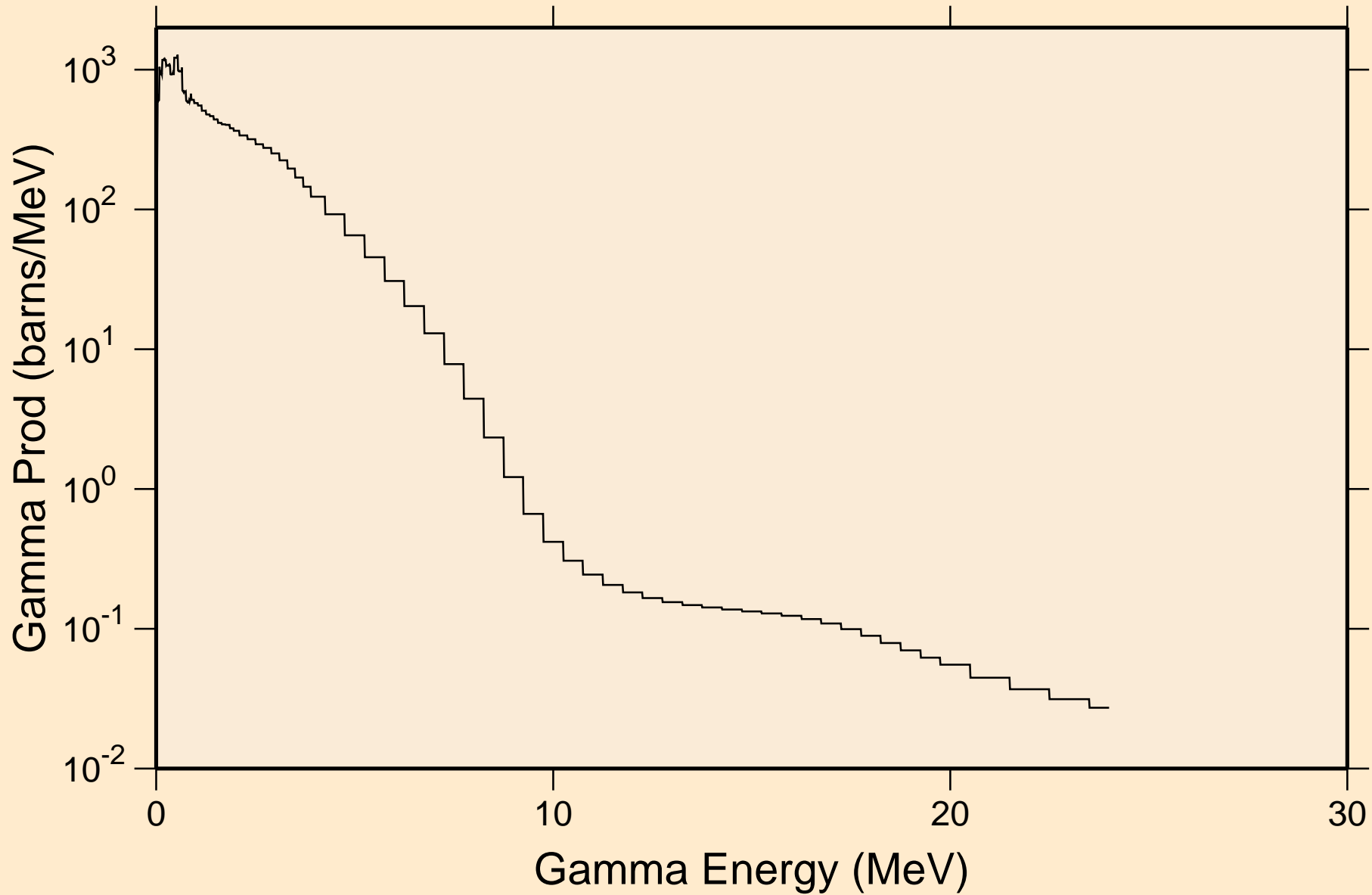




PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

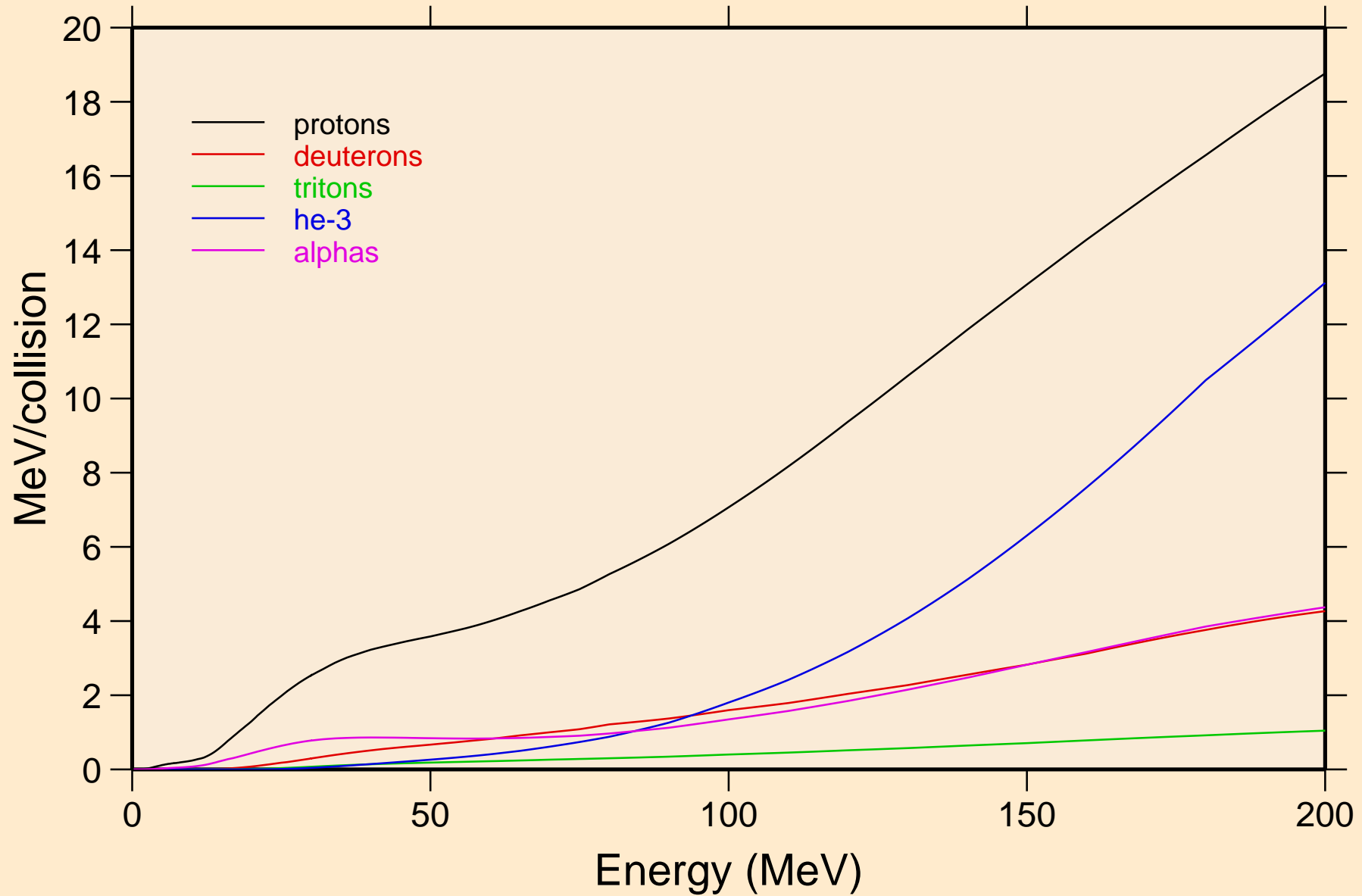


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

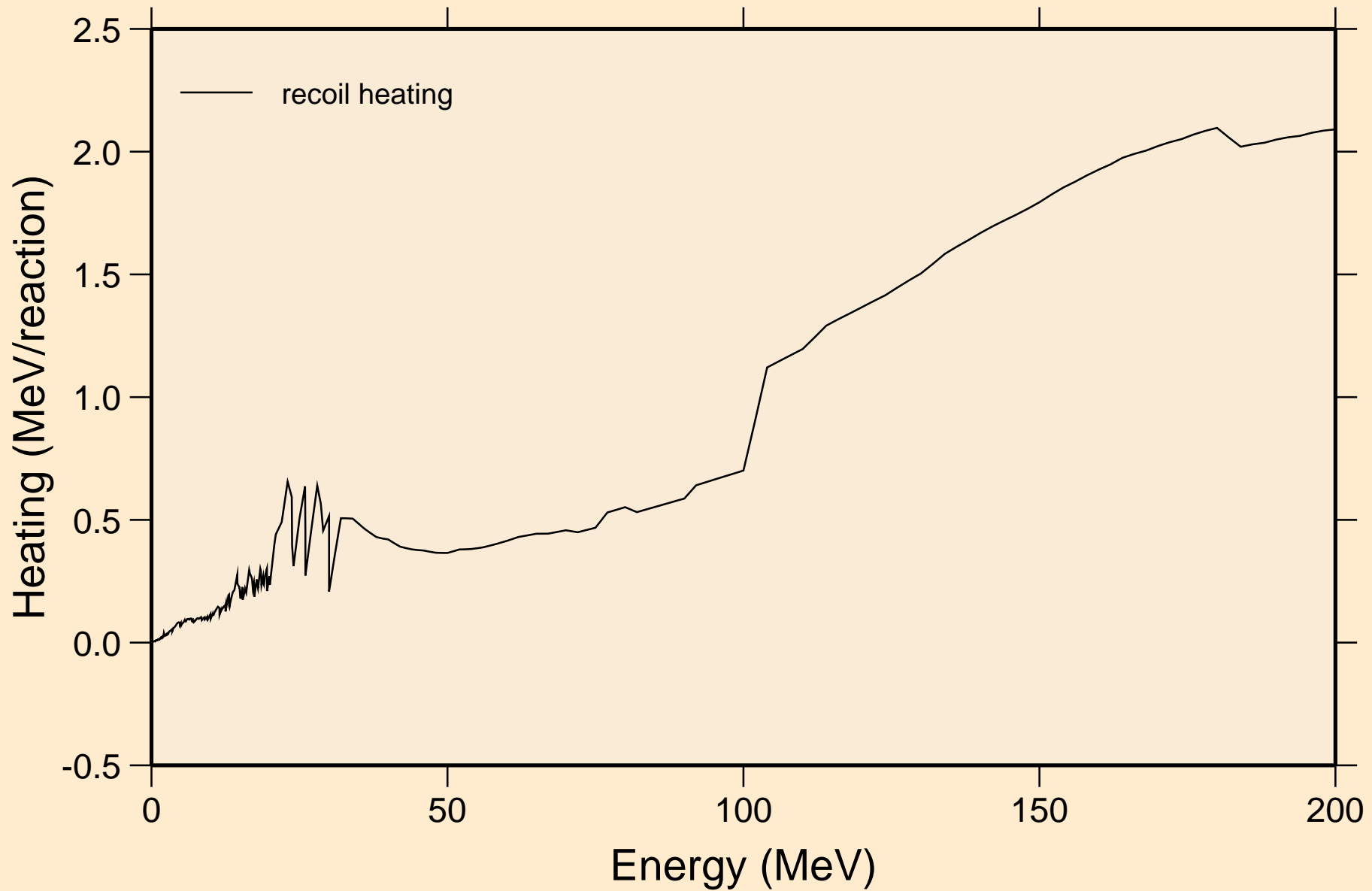


# PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

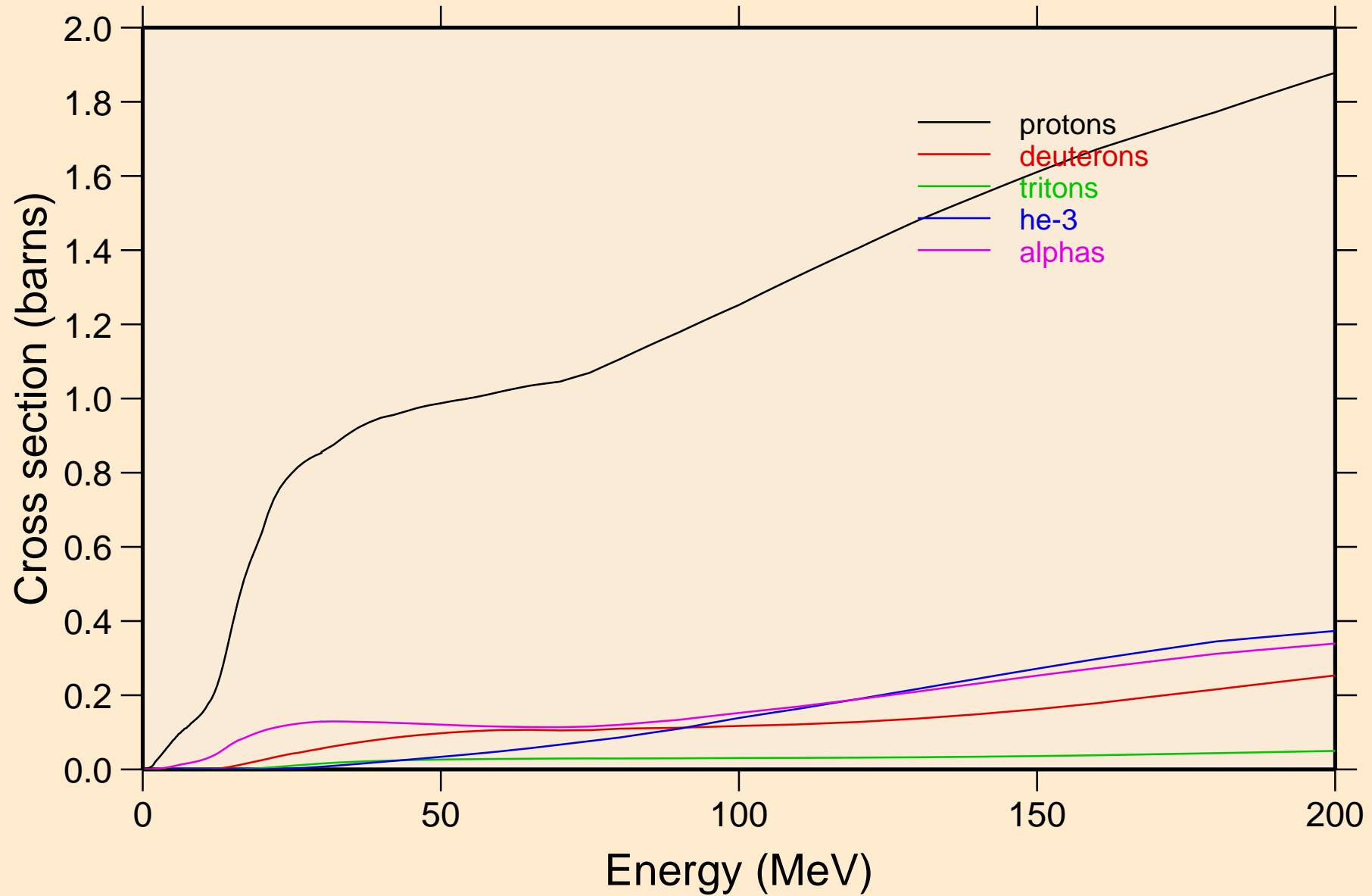


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

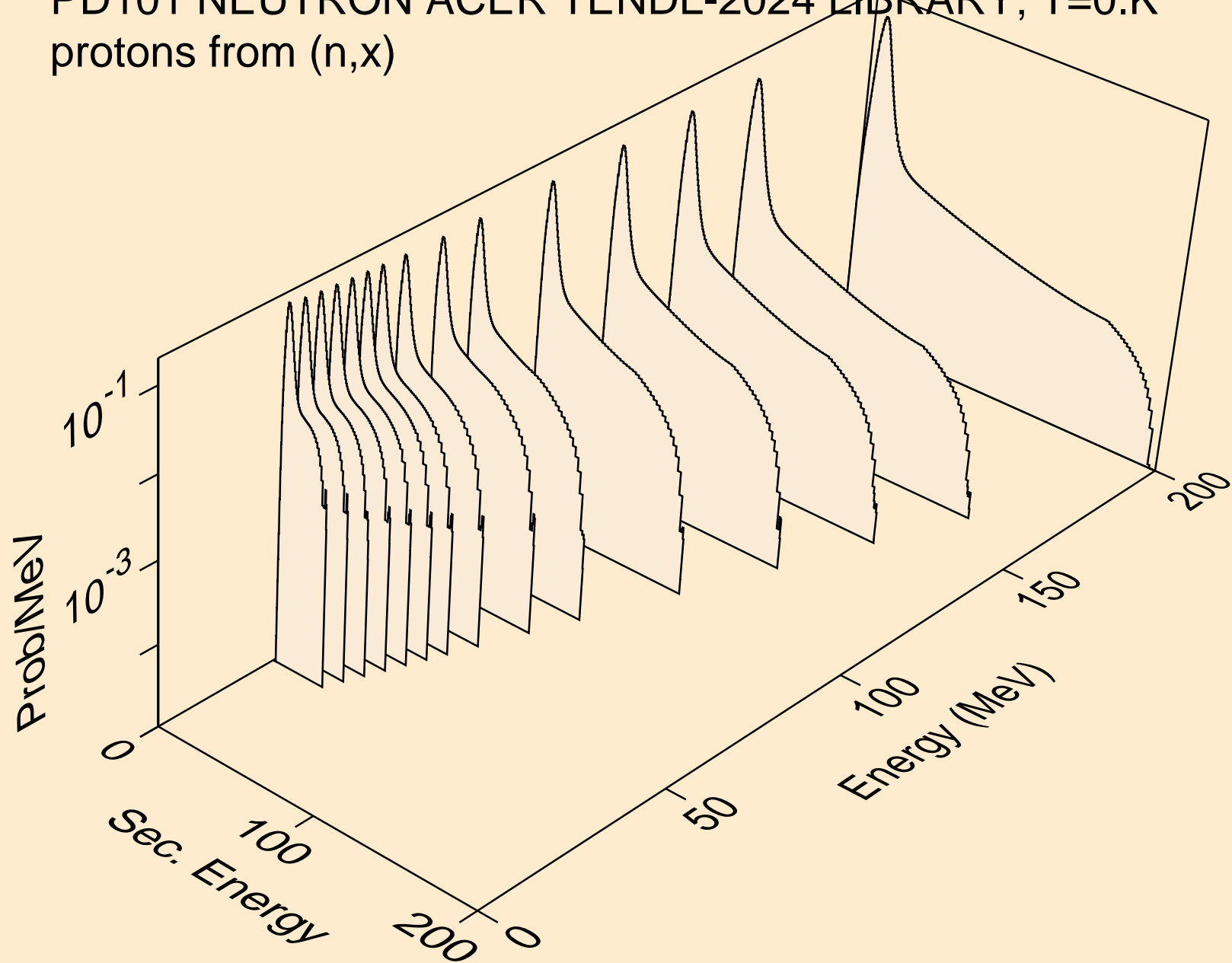


# PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

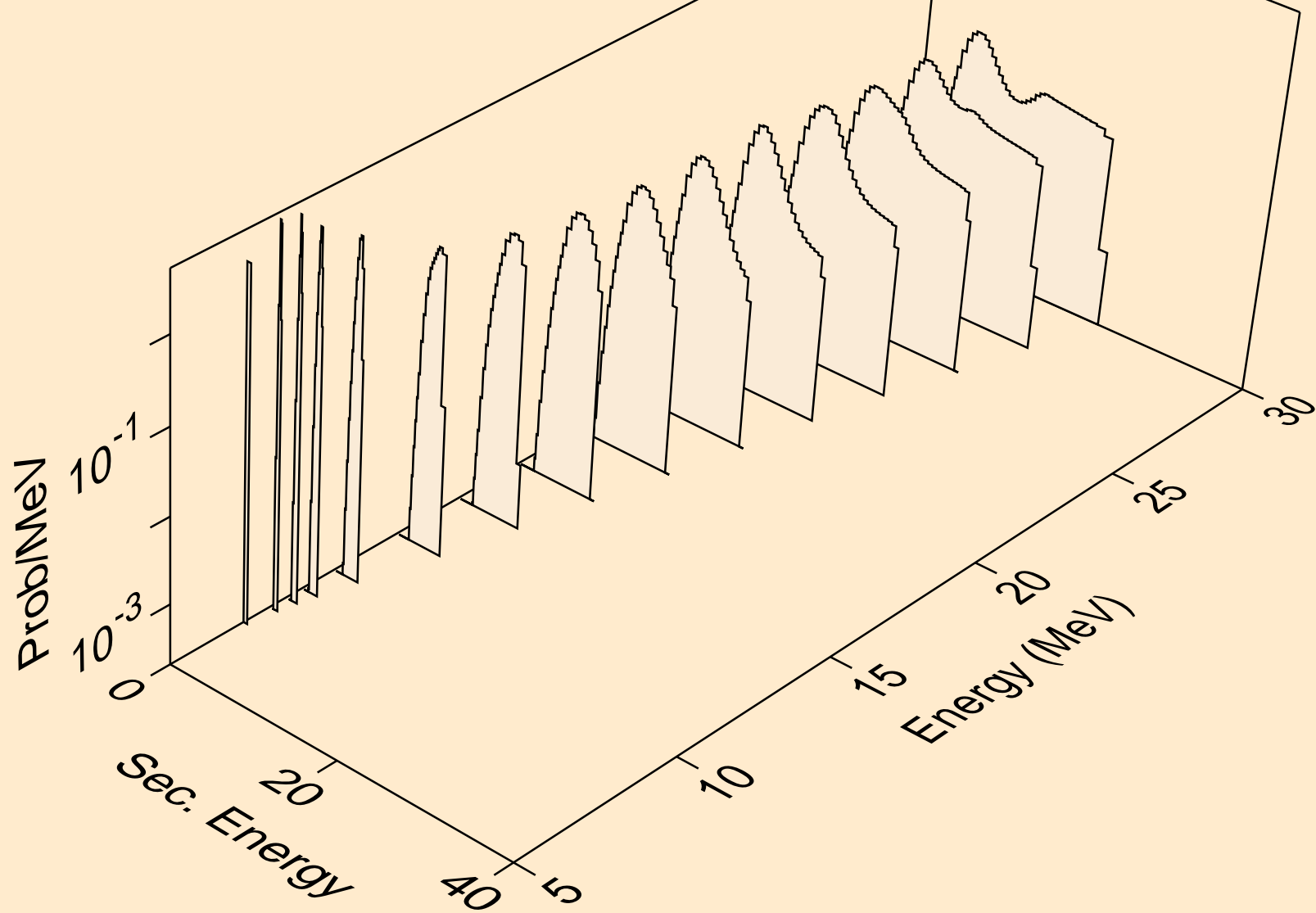
## Particle production cross sections



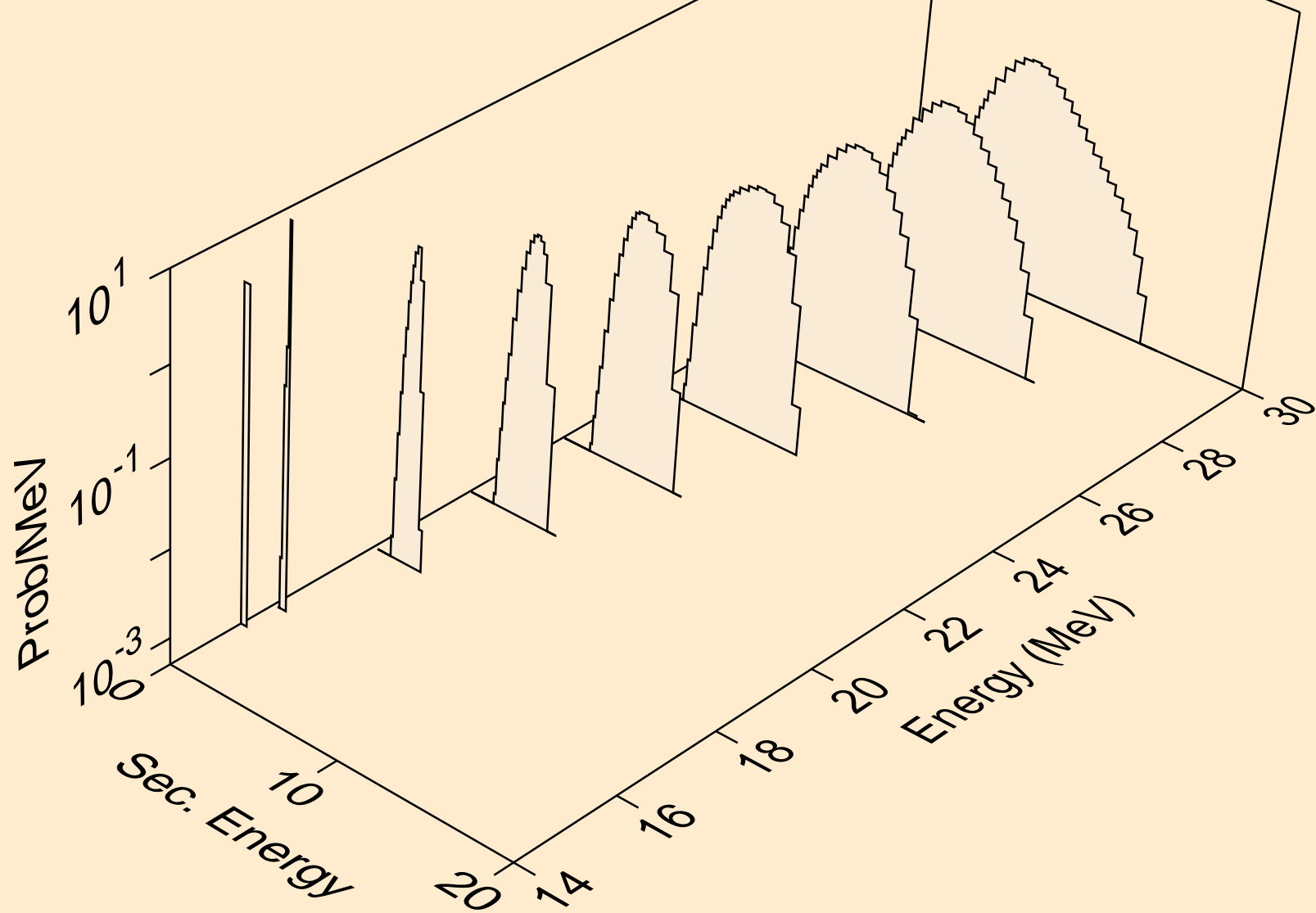
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

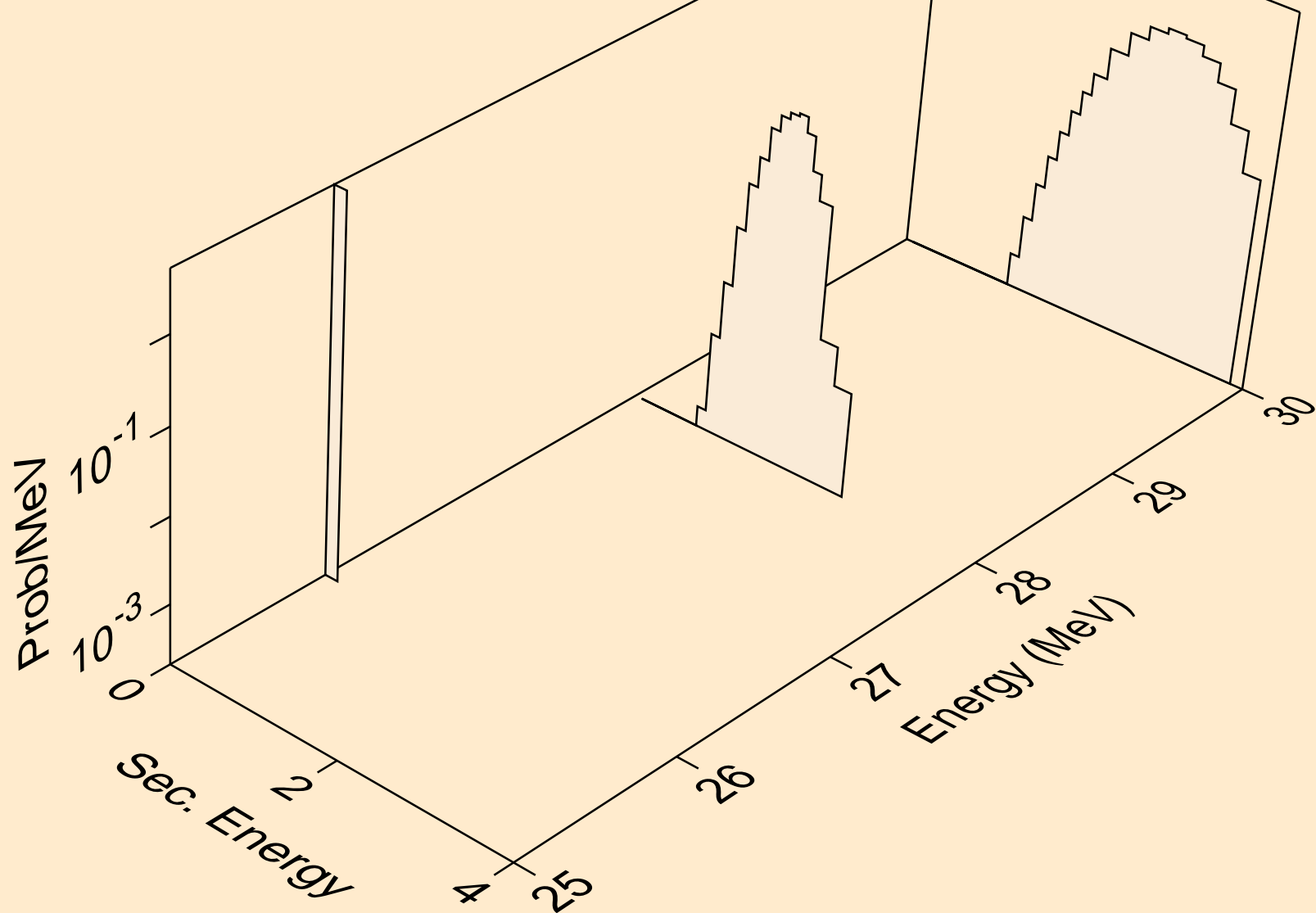


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

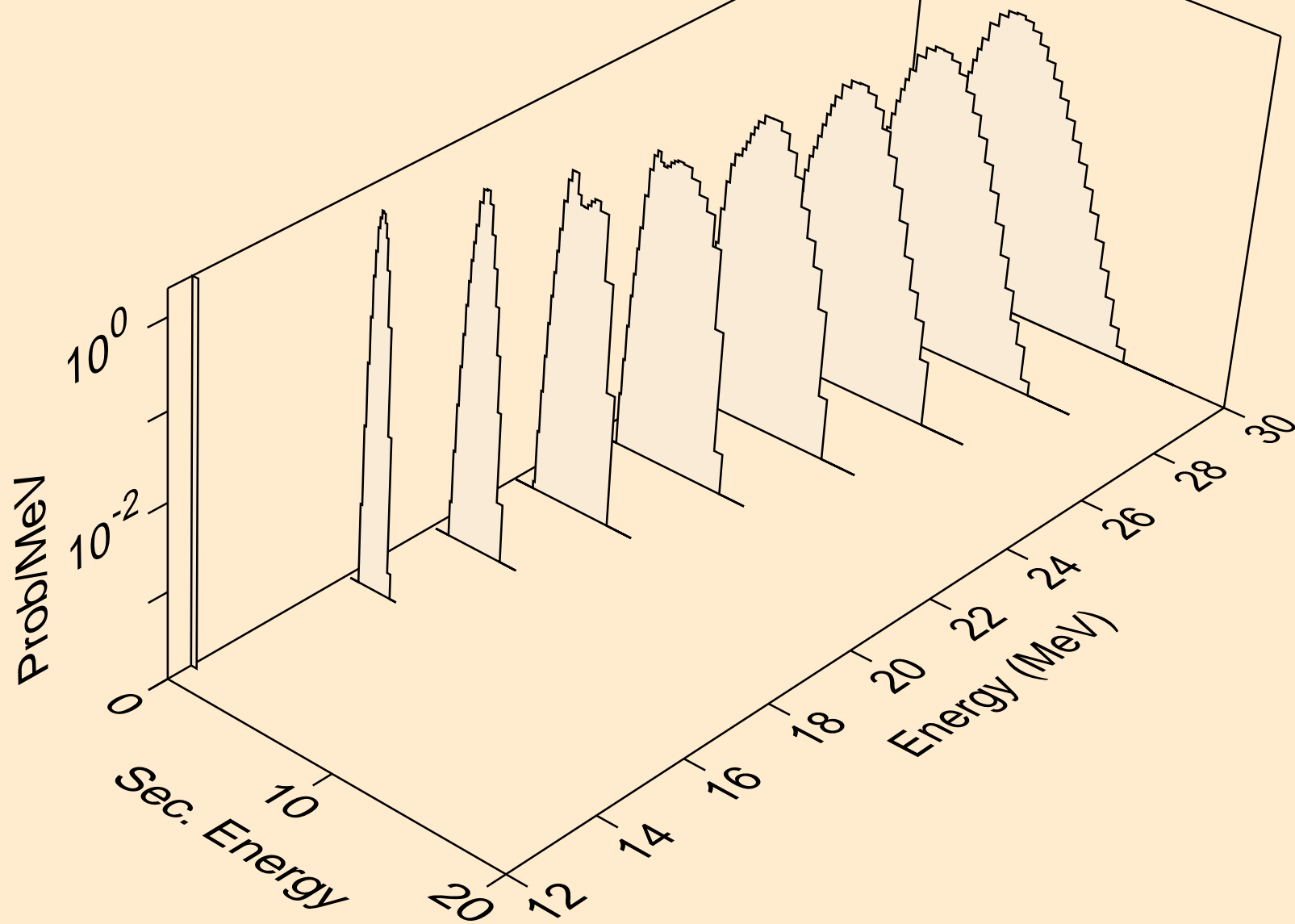




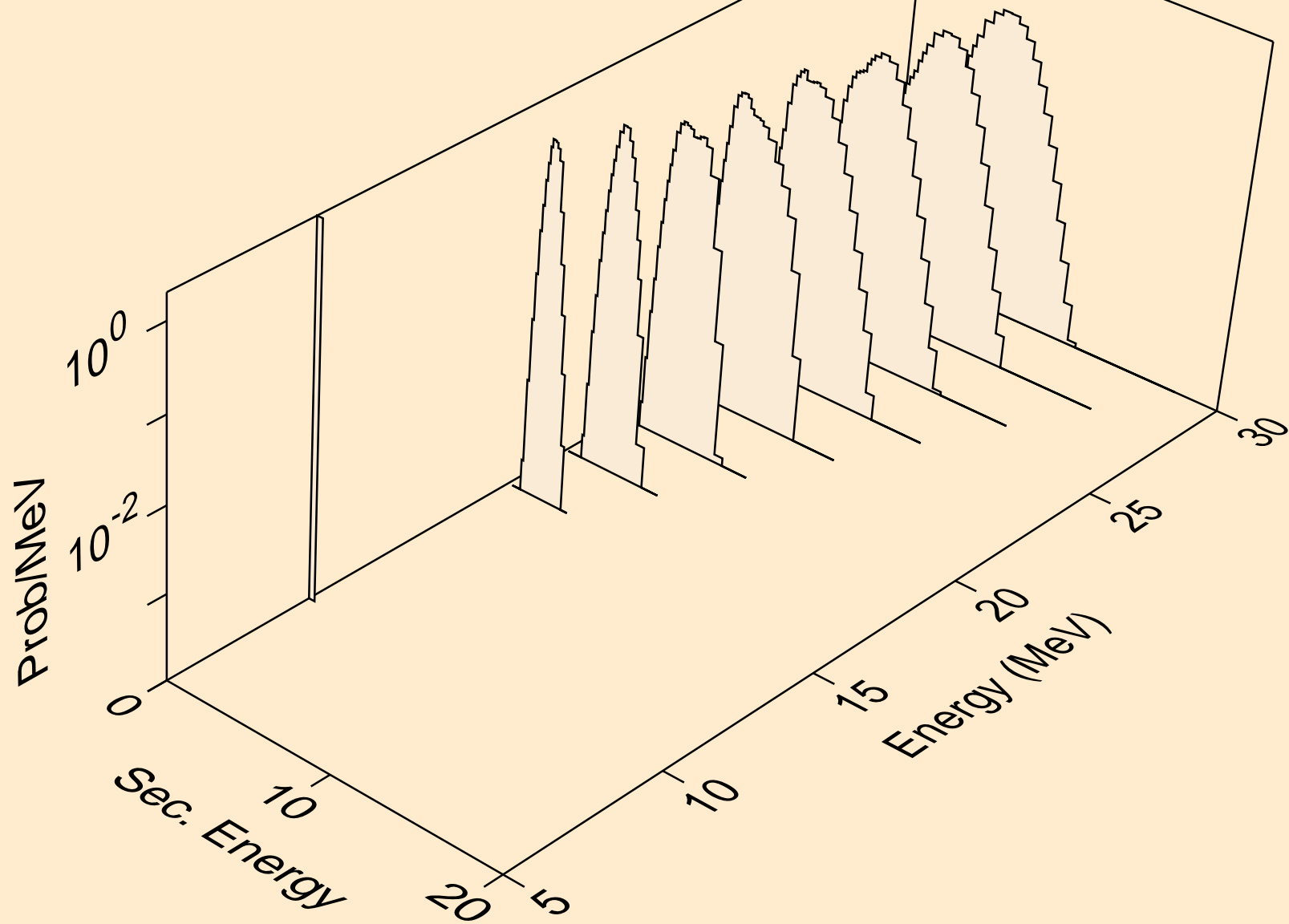
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protons from (n,3np)



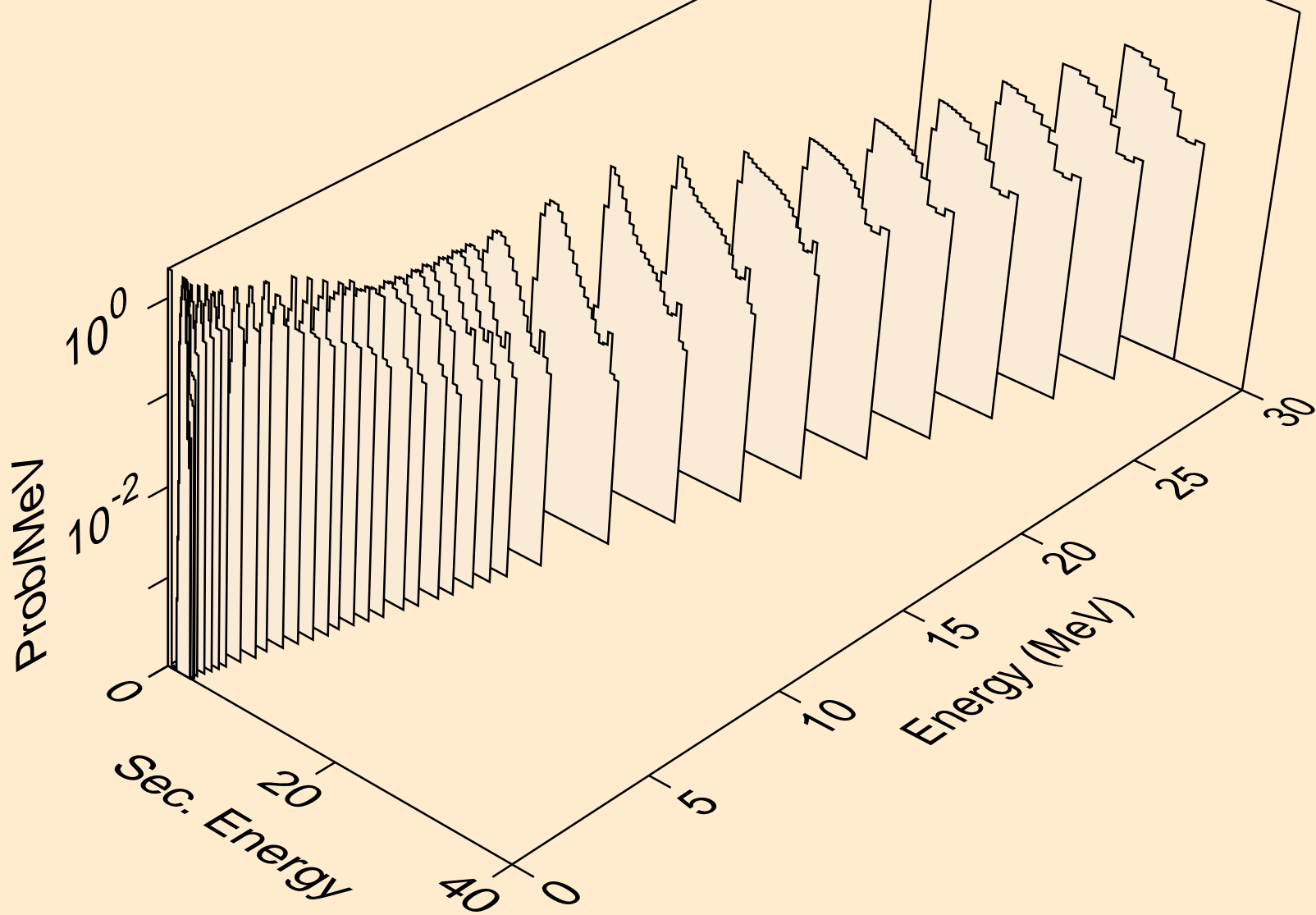
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protons from (n,n2p)



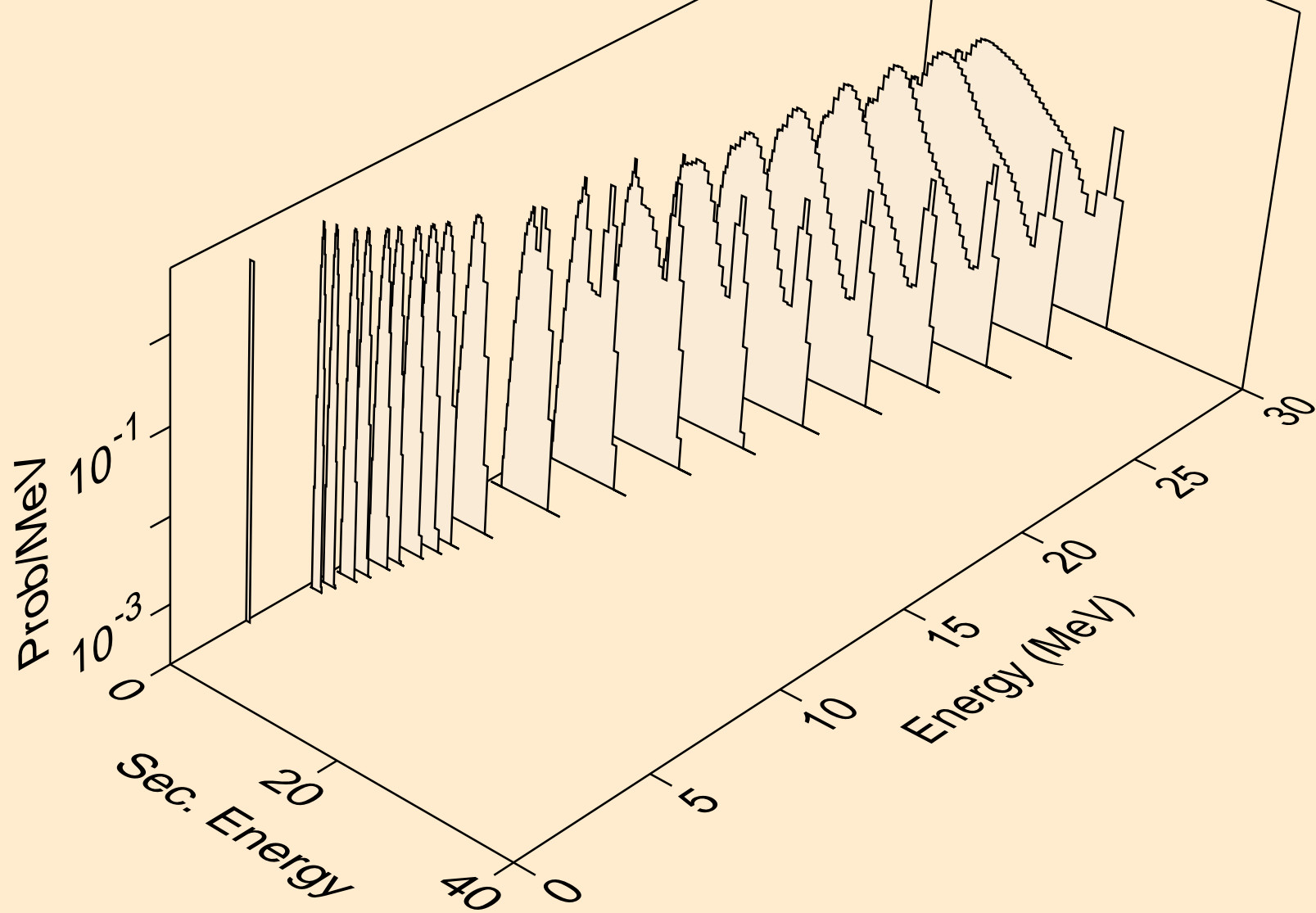
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protons from (n,npa)



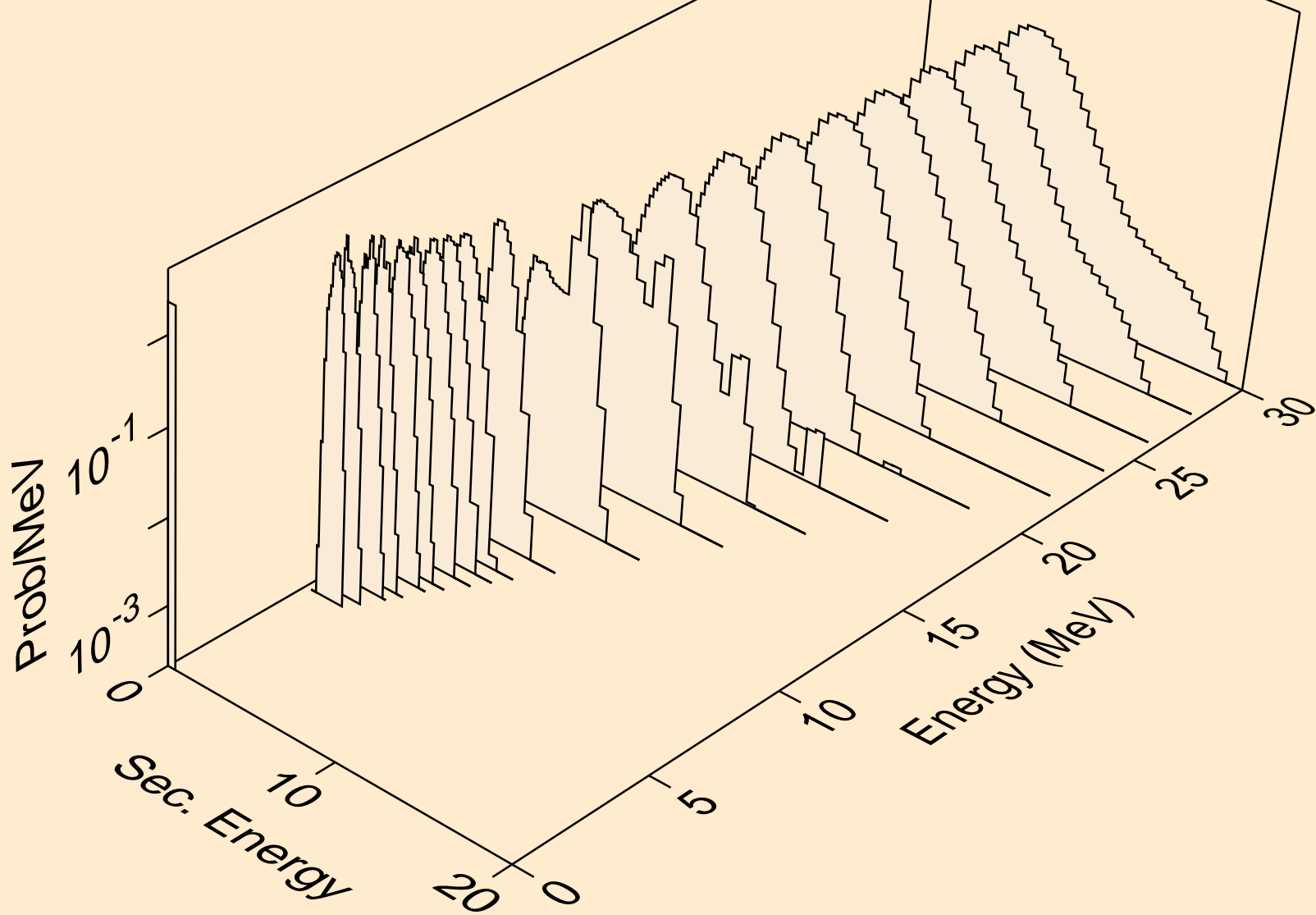
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protons from (n,p)



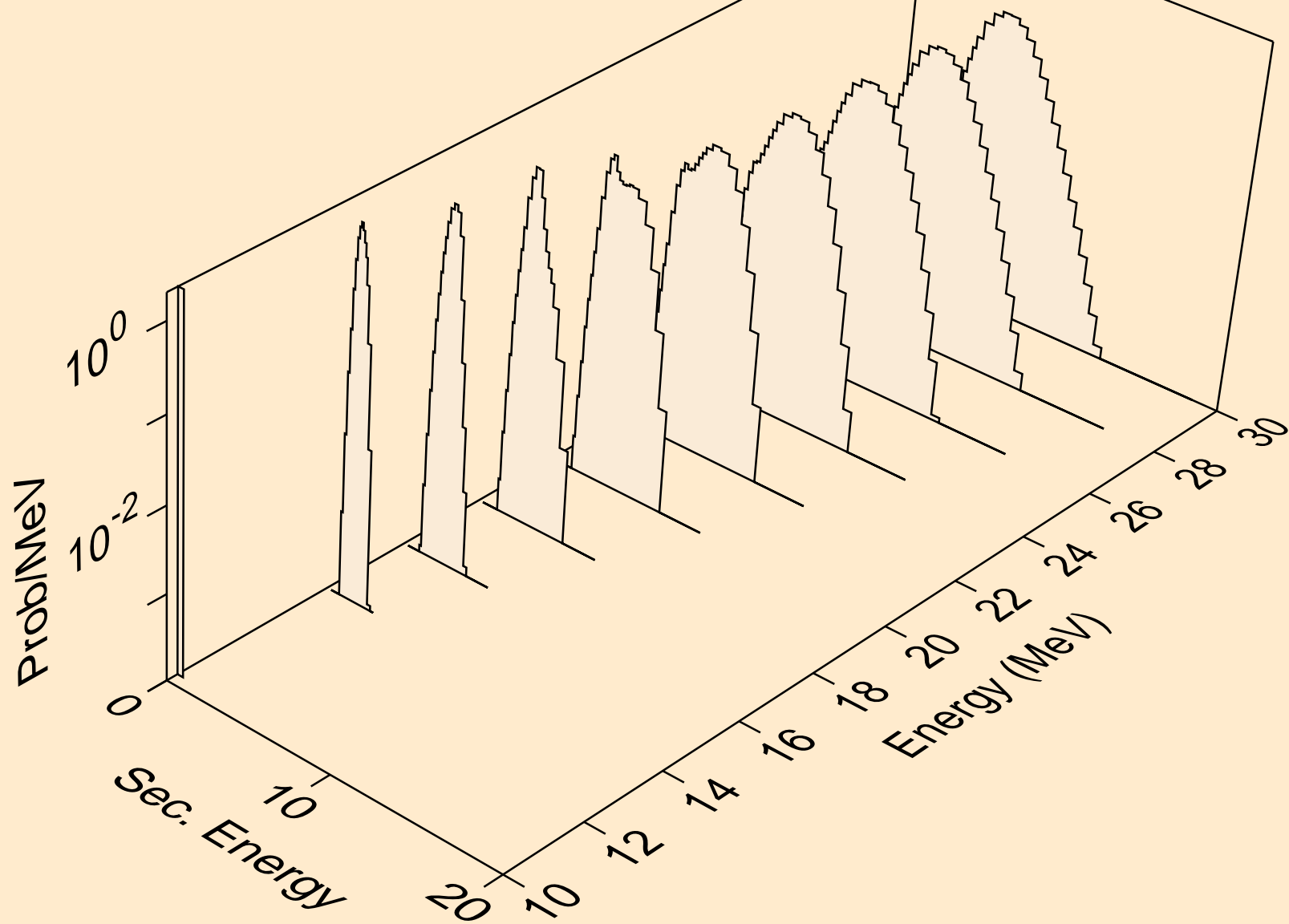
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protons from (n,2p)



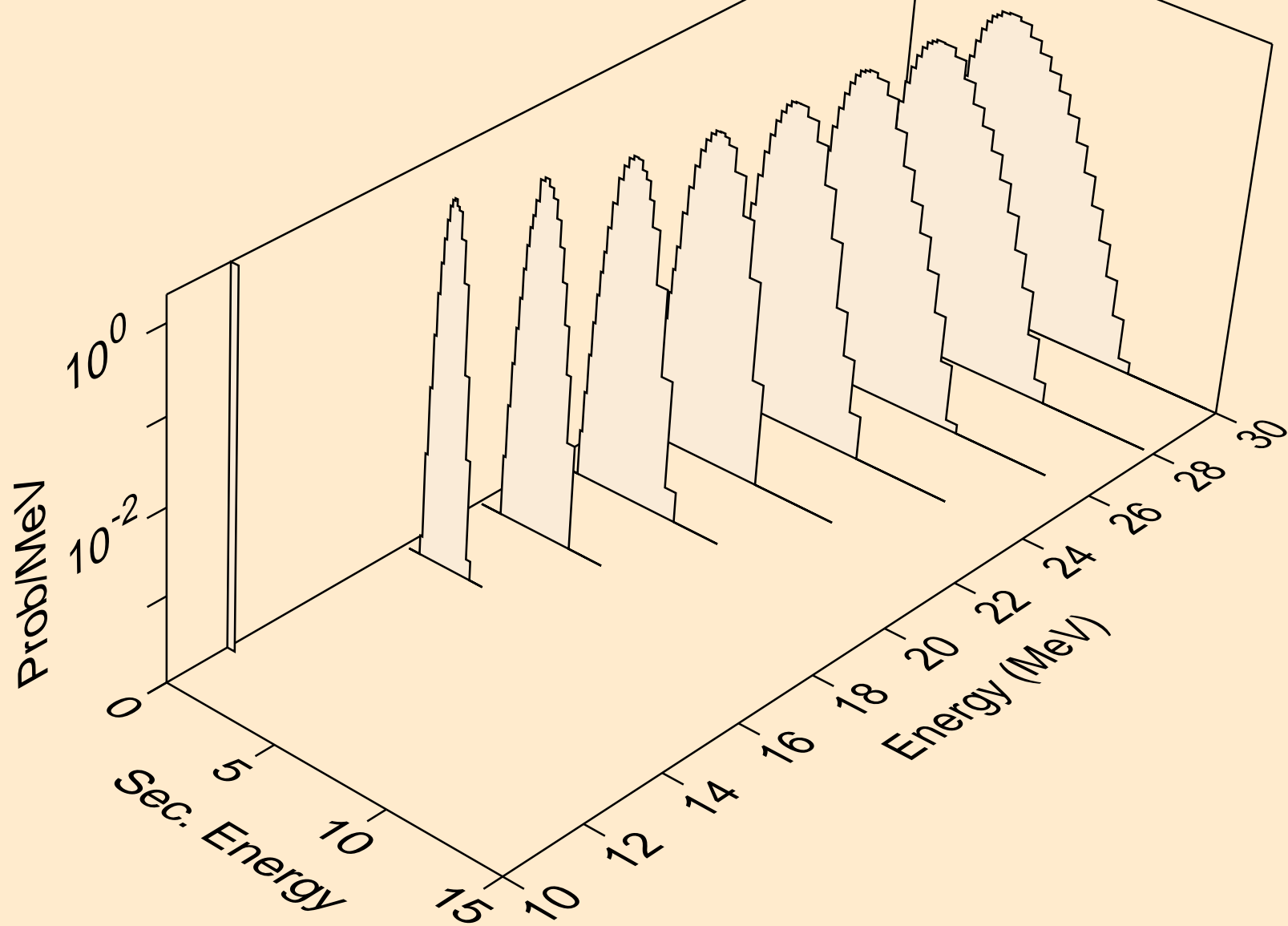
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protons from (n,p)



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protons from (n,pd)

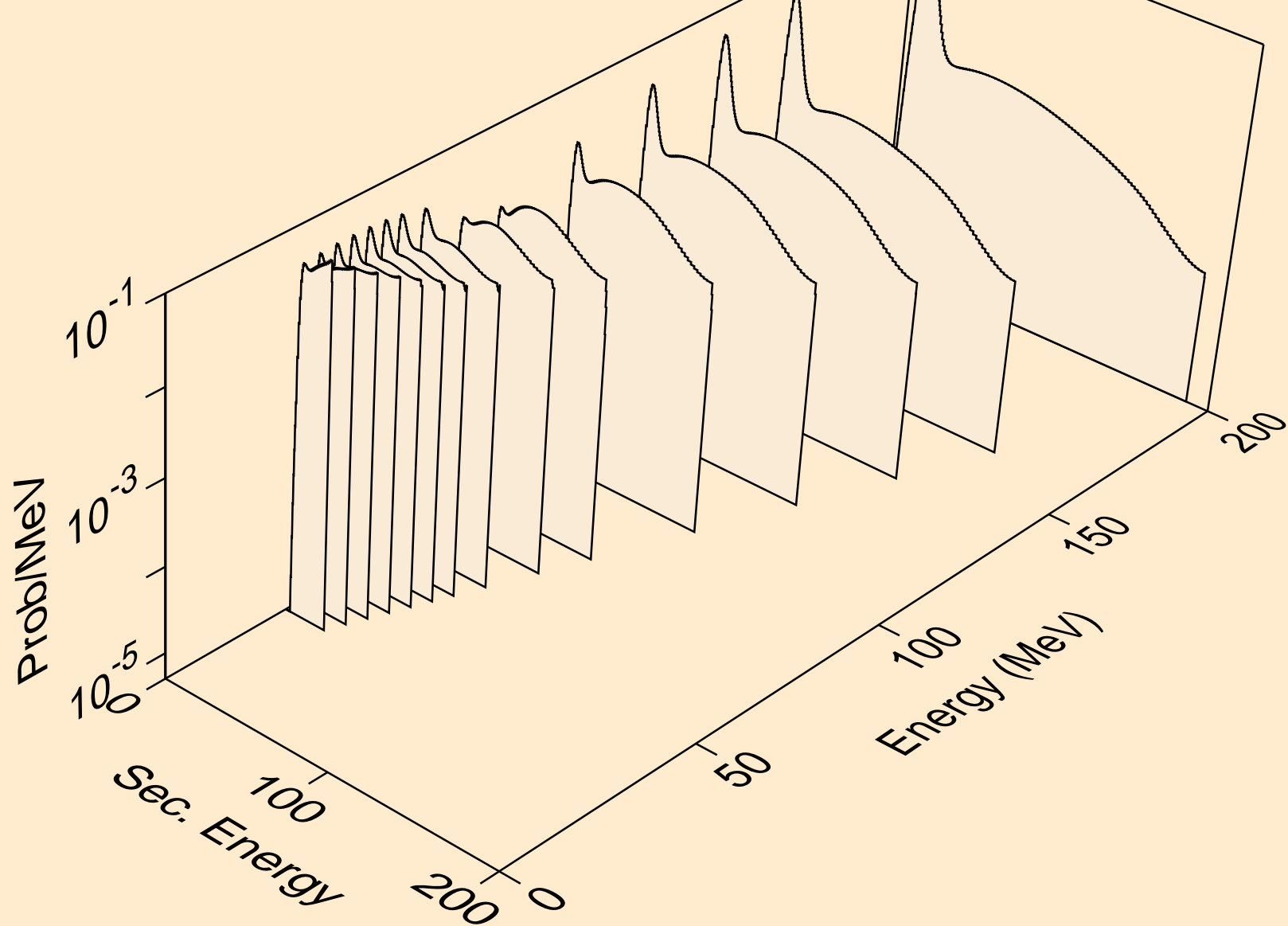


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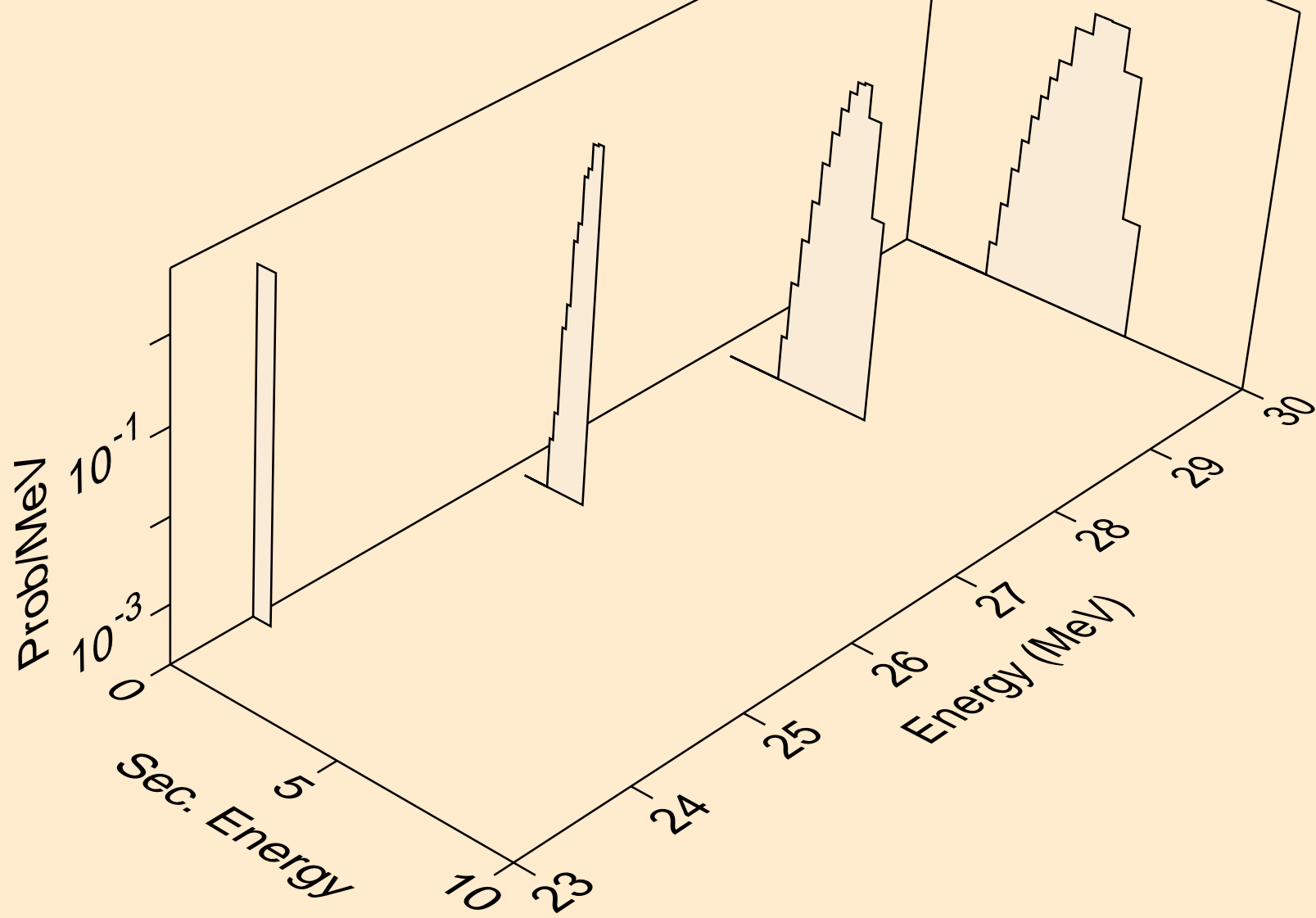




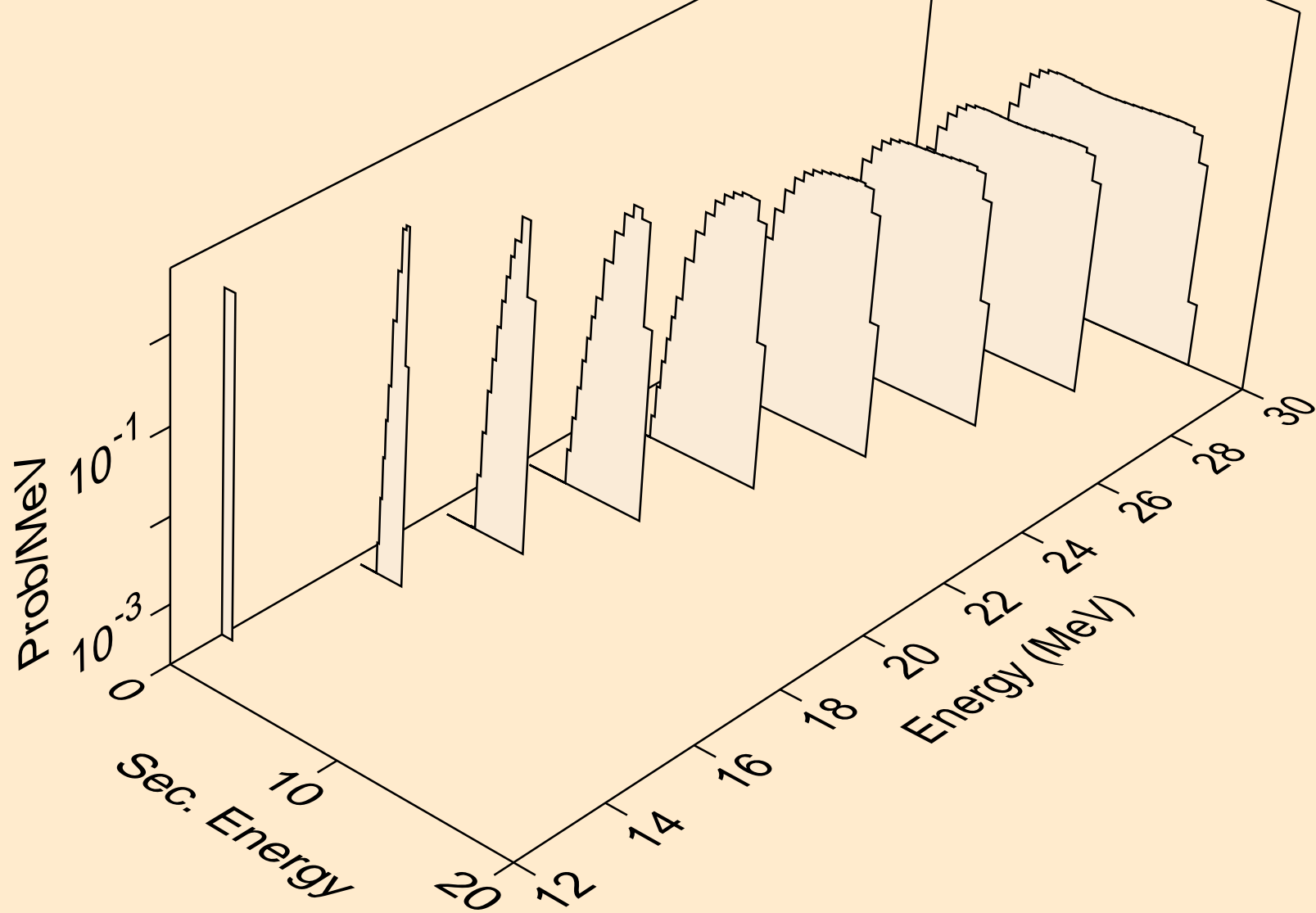
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deuterons from (n,x)



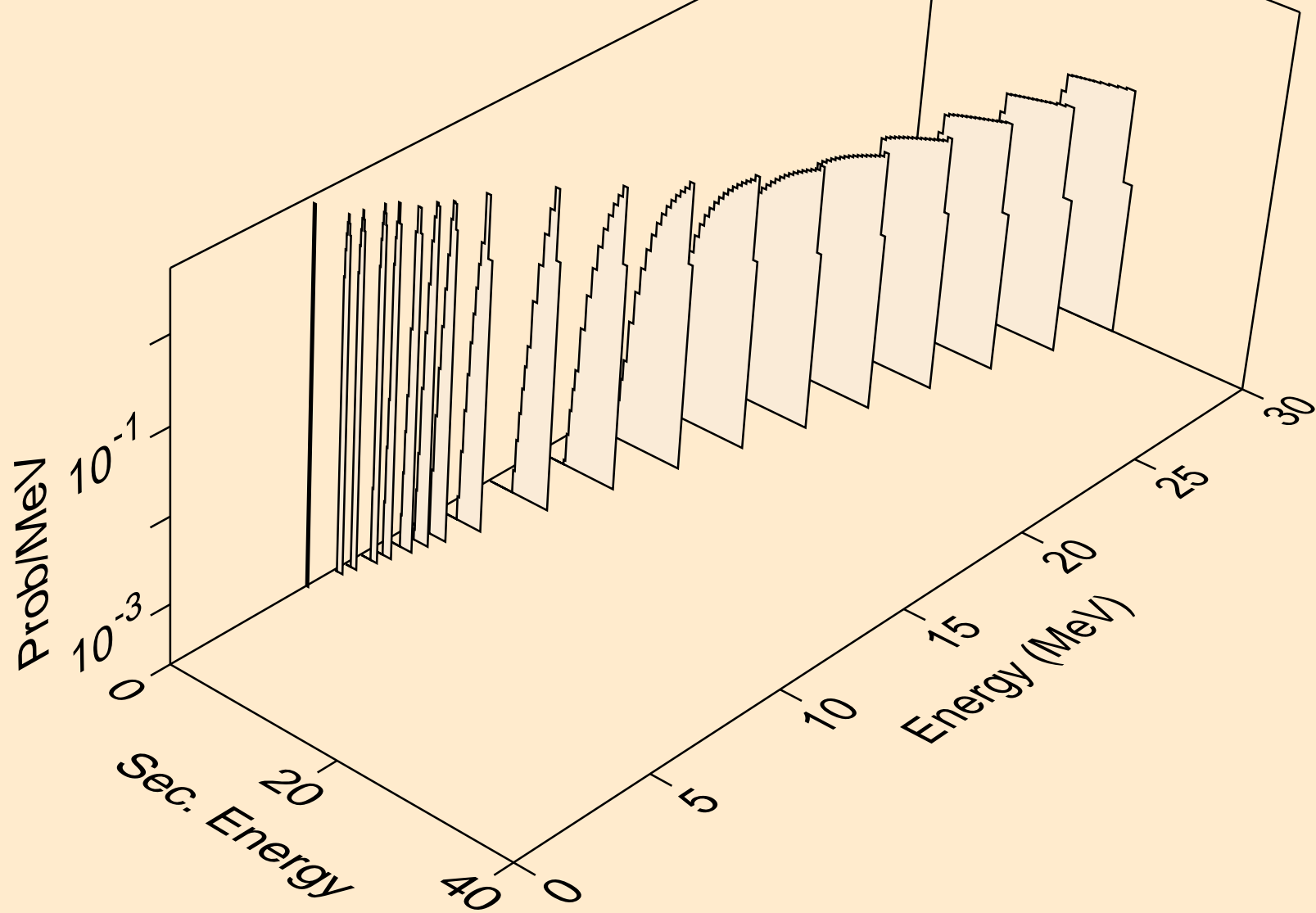
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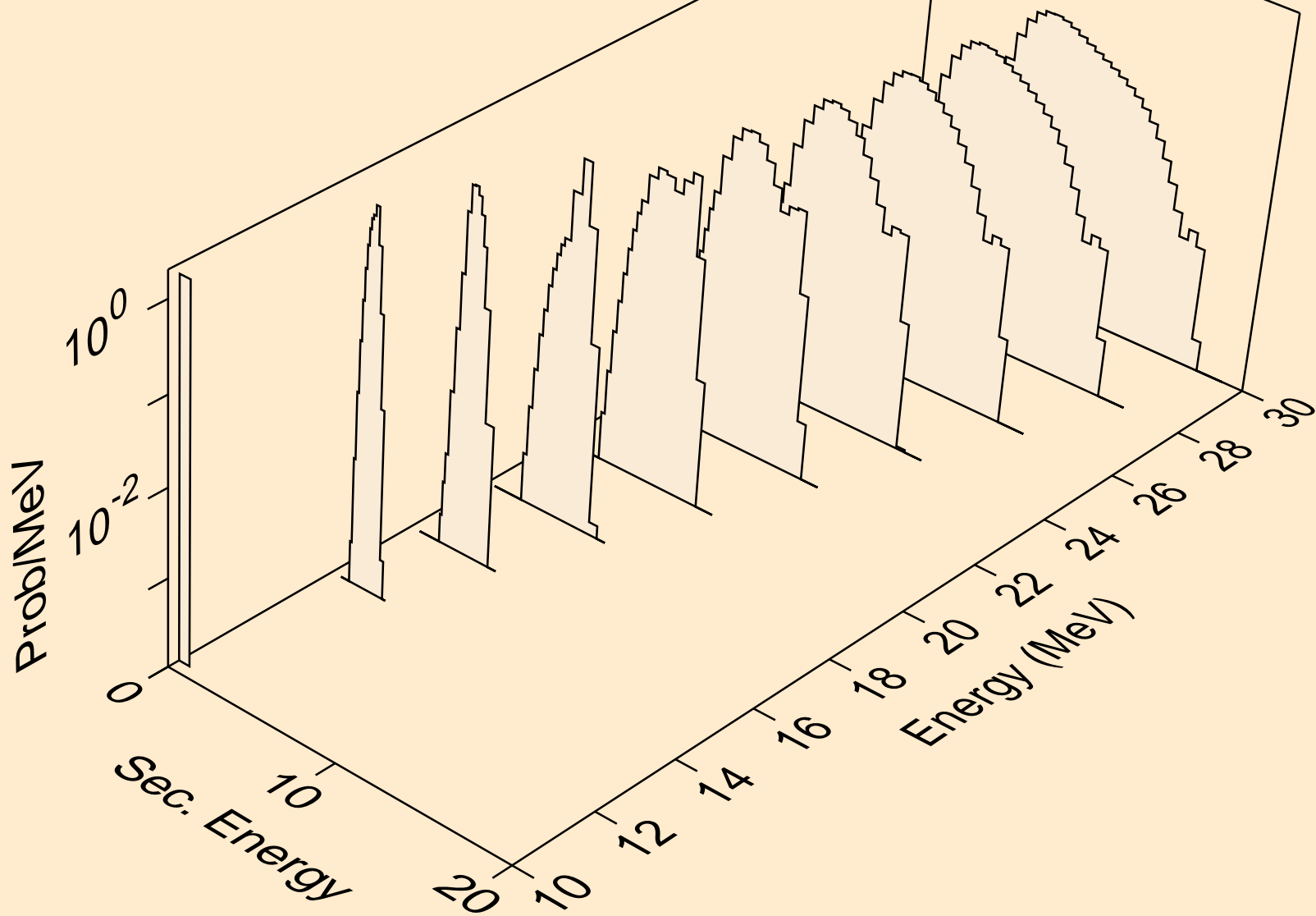
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deuterons from (n,n\*)d



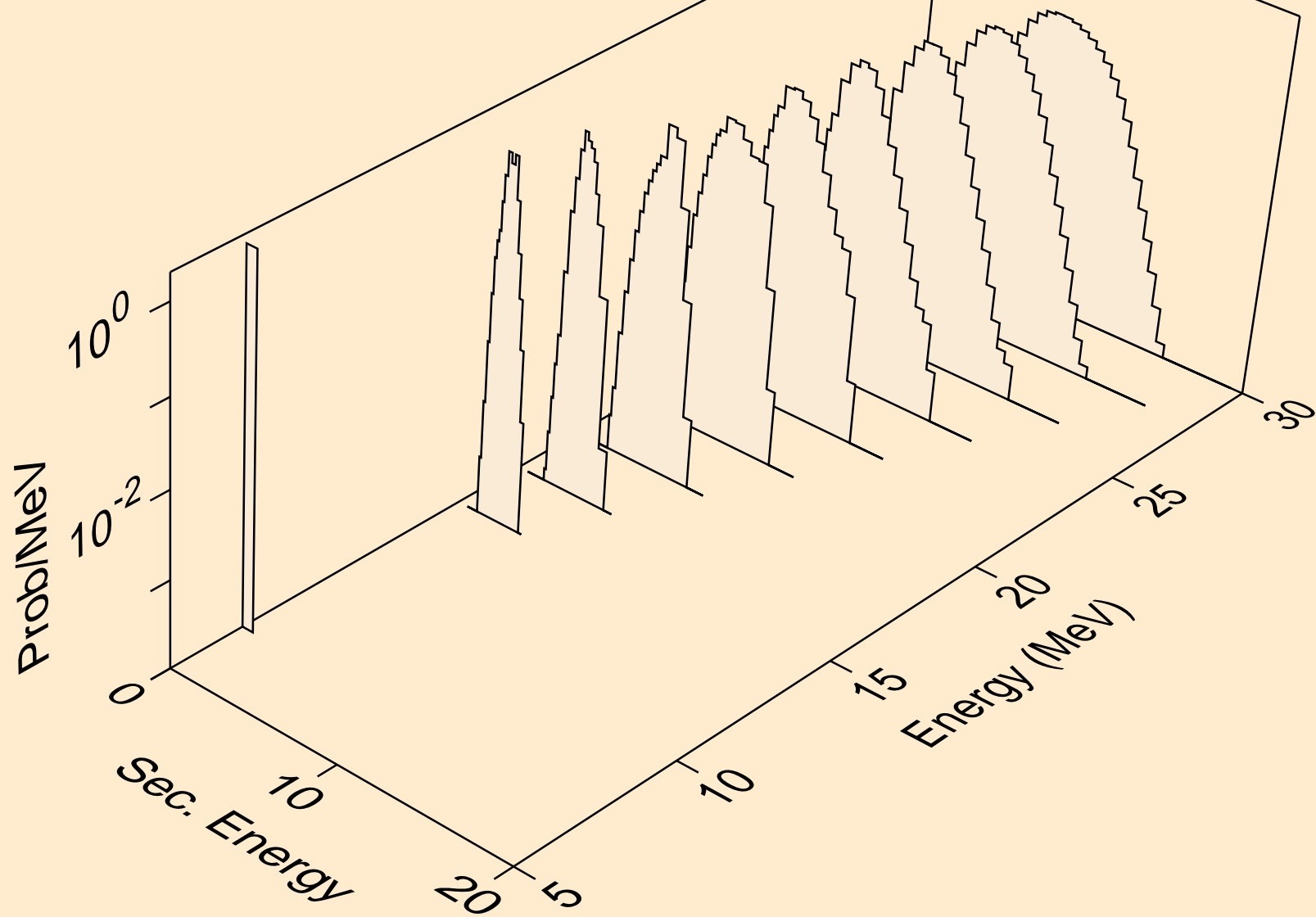
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deuterons from (n,d)



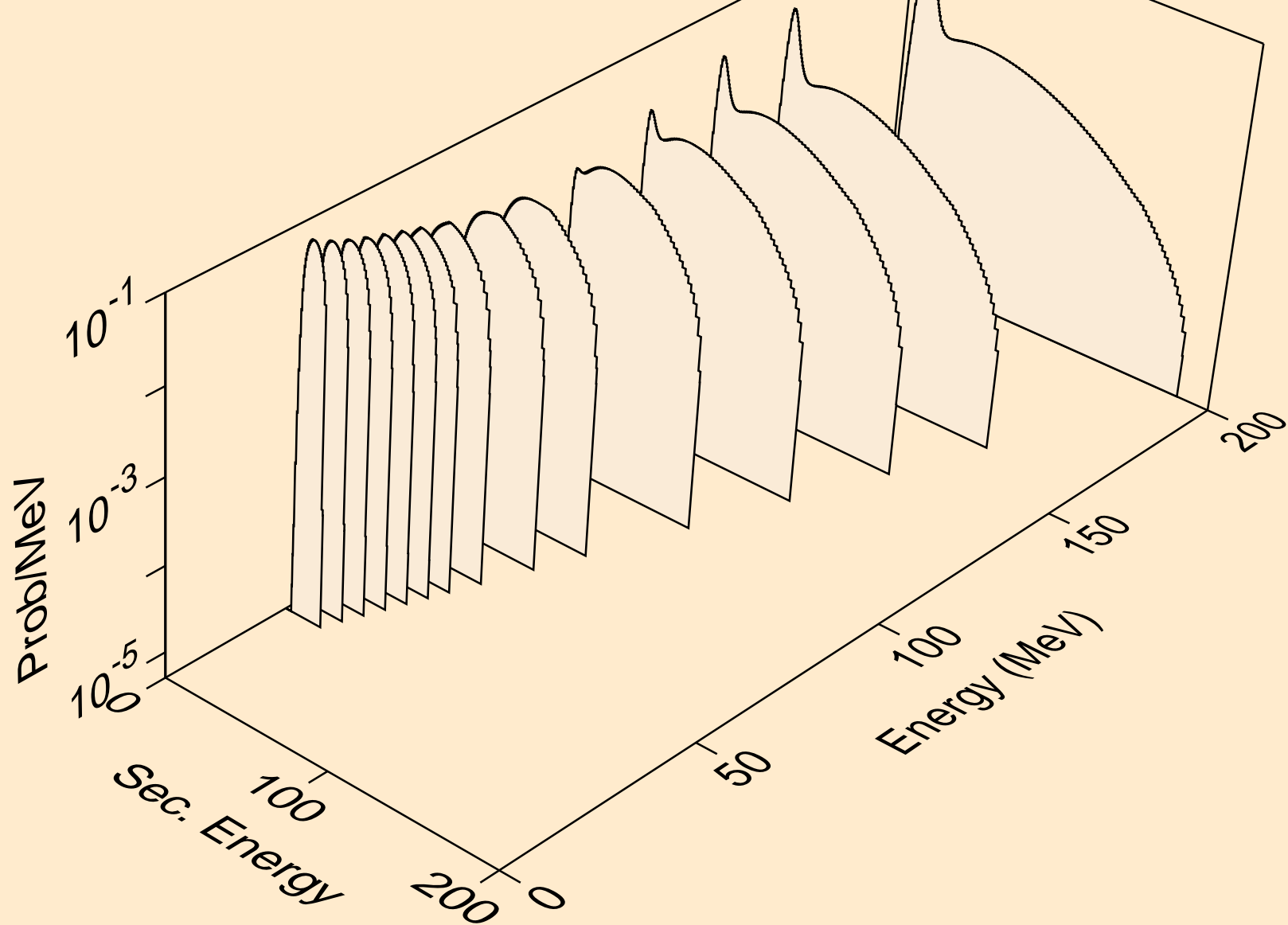
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deuterons from (n,pd)



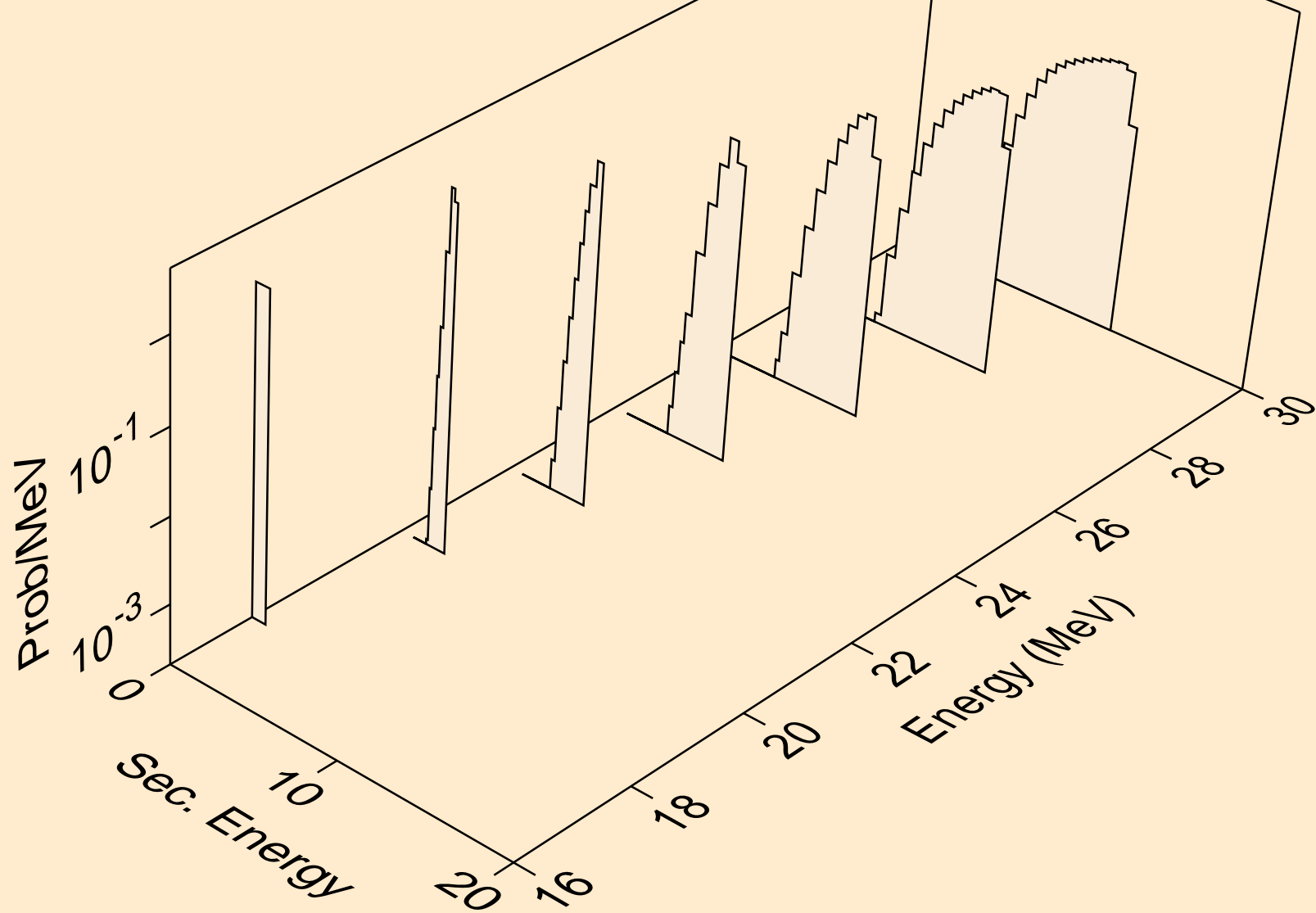
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

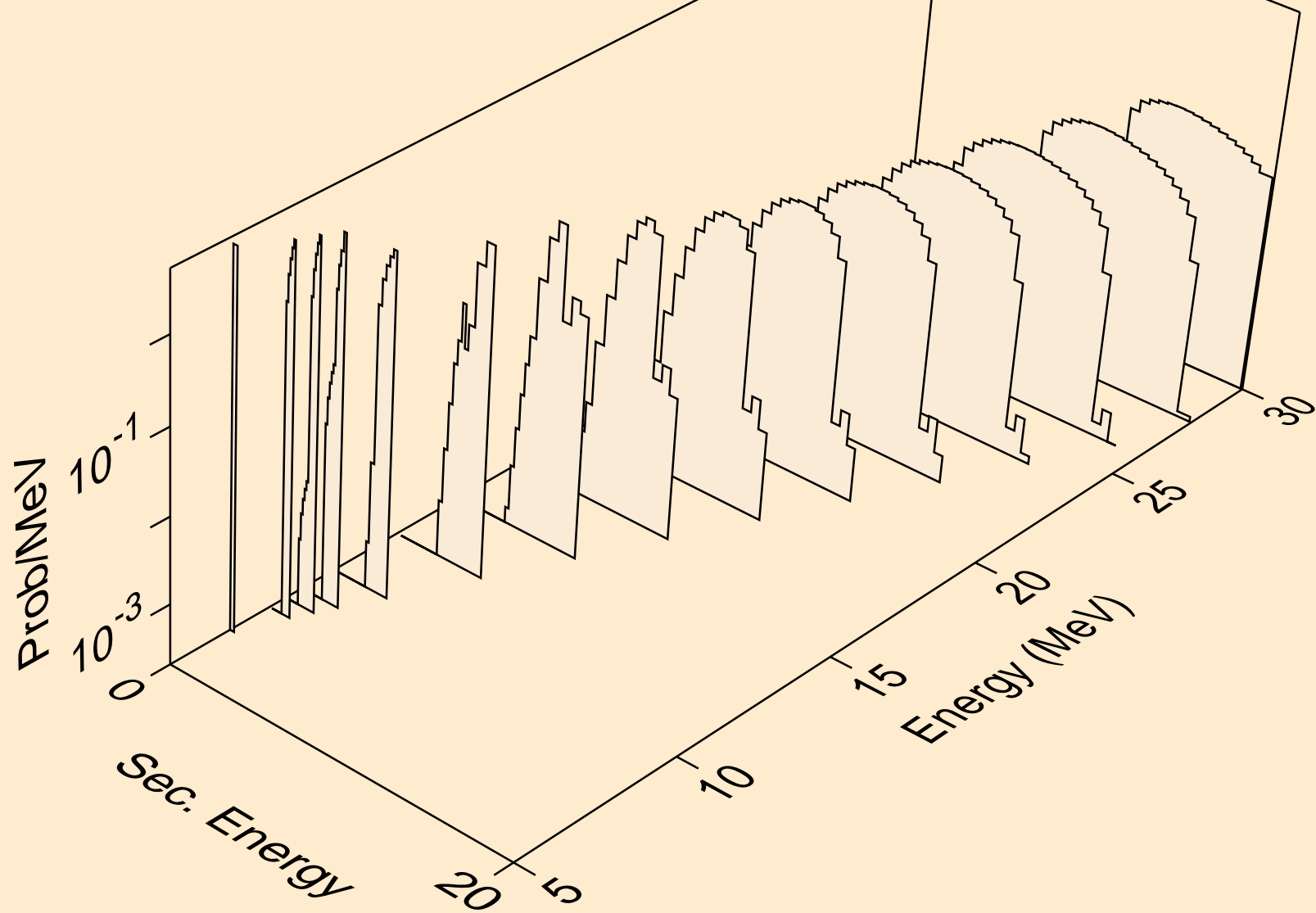


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

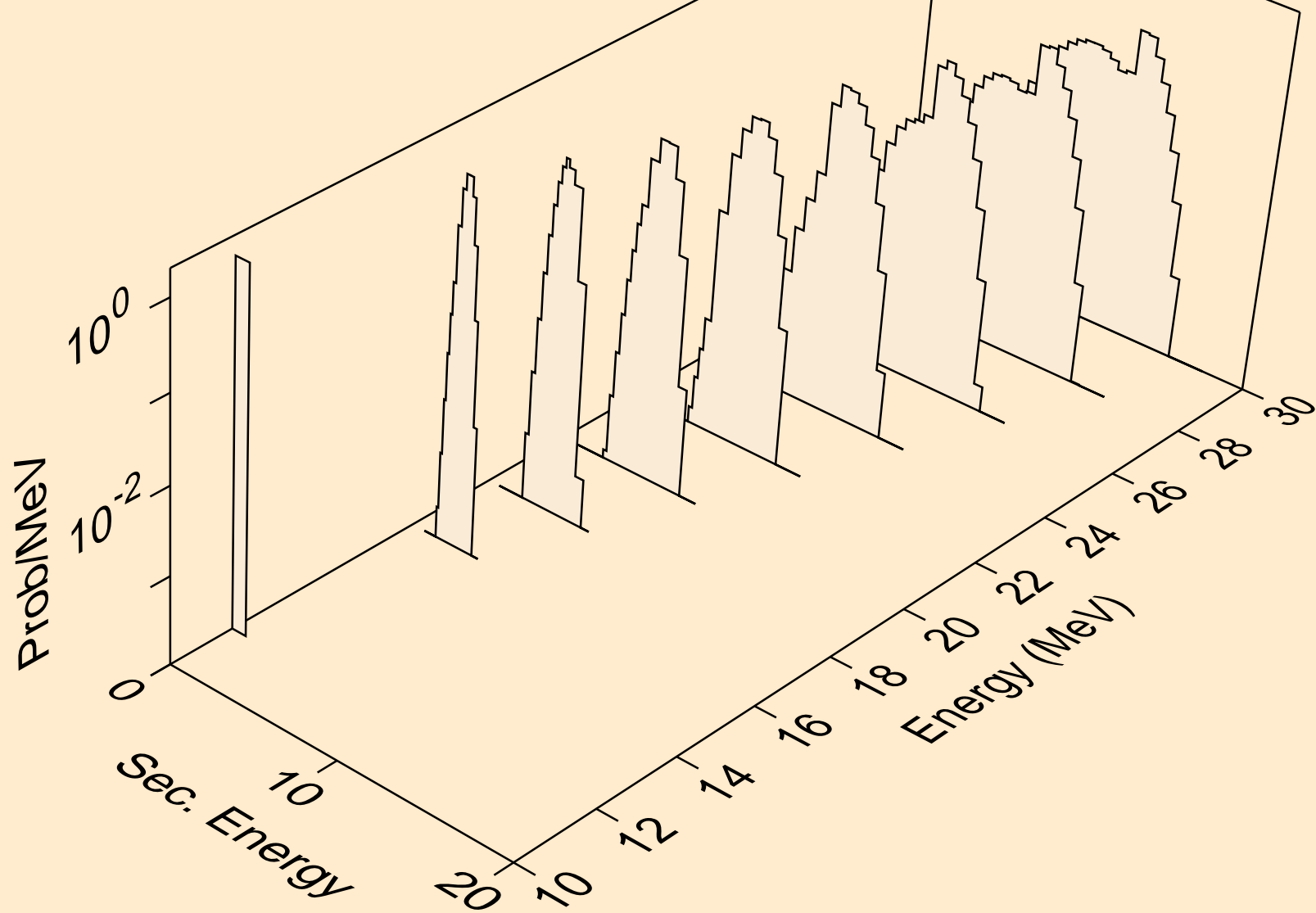




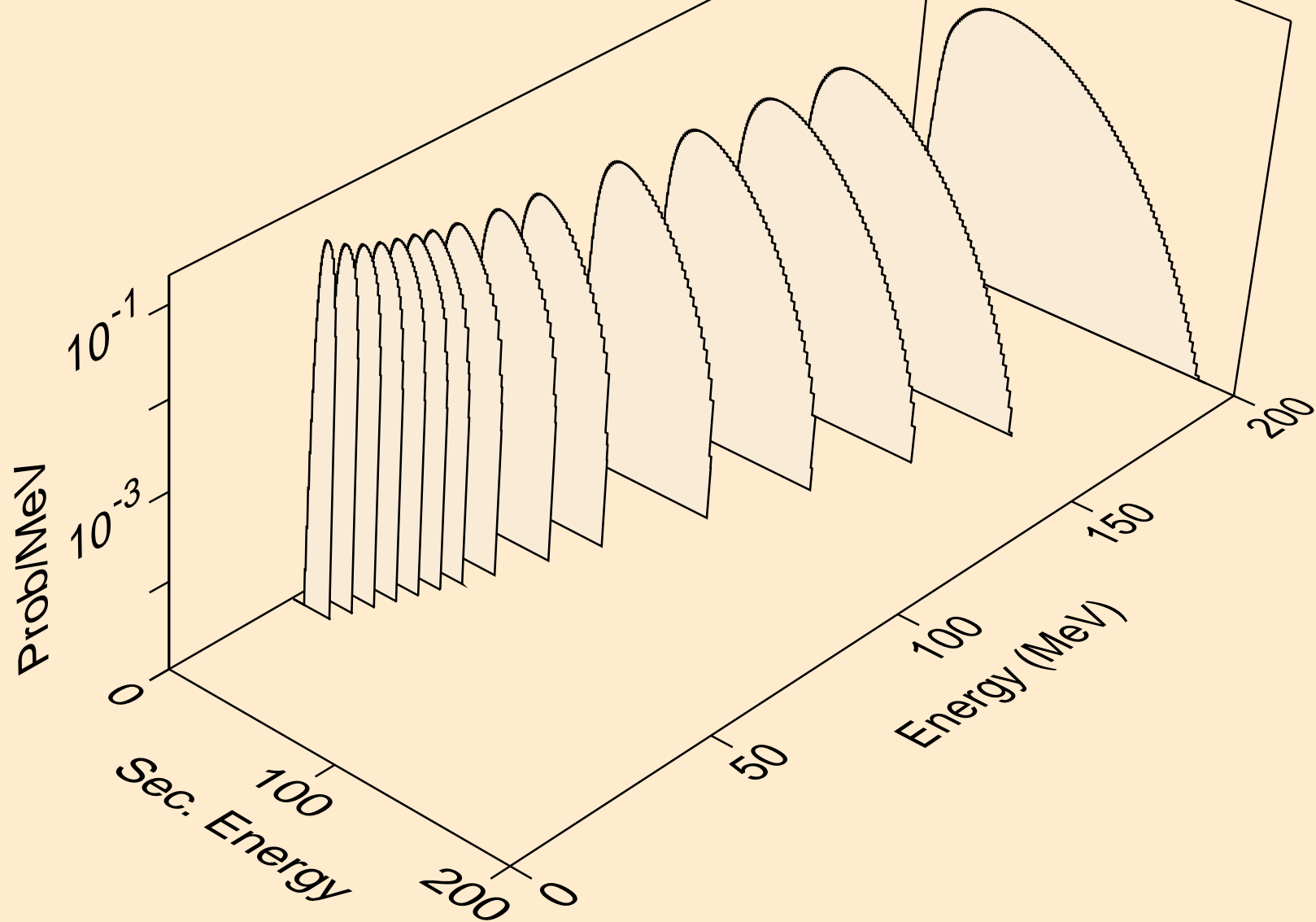
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



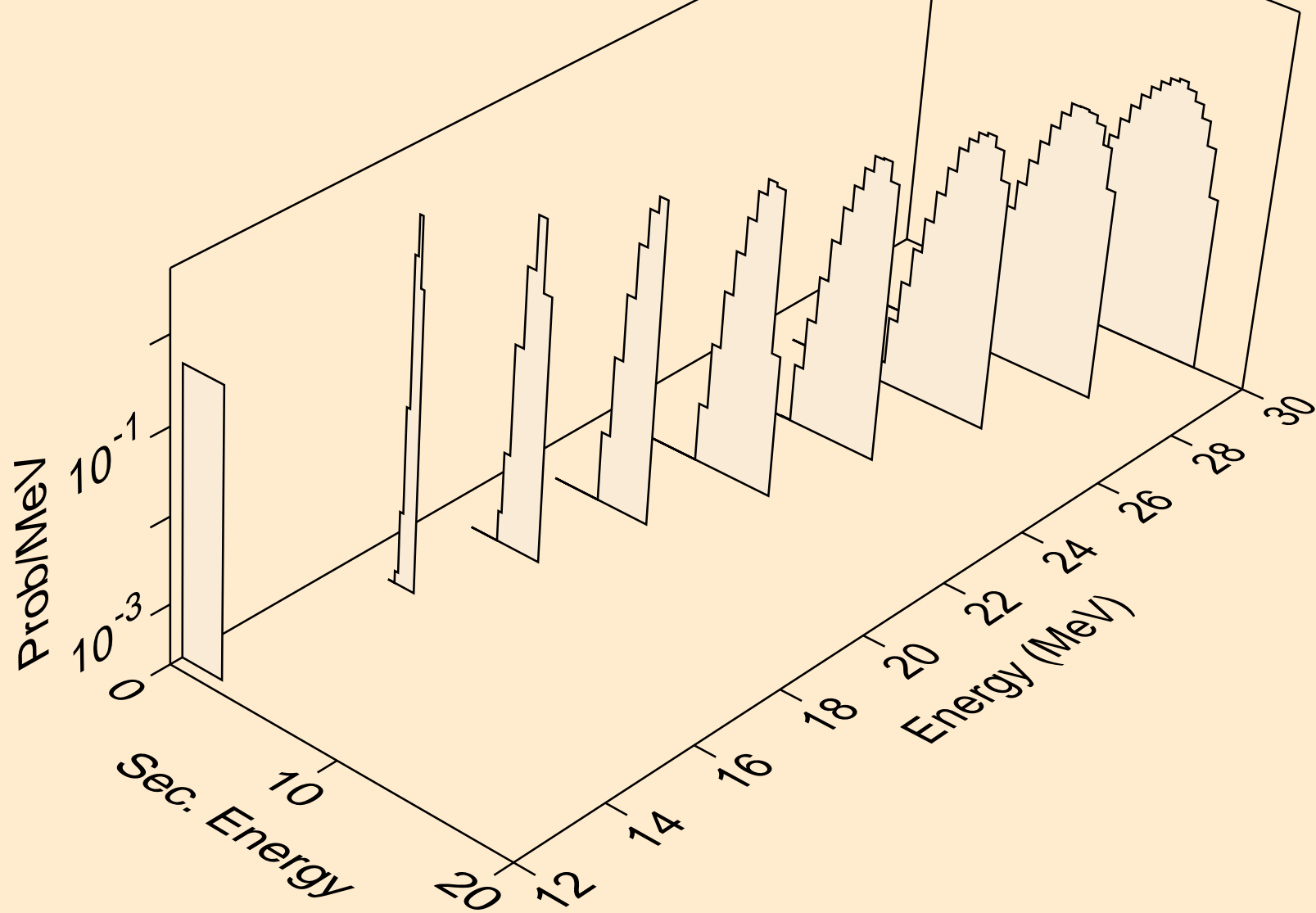
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



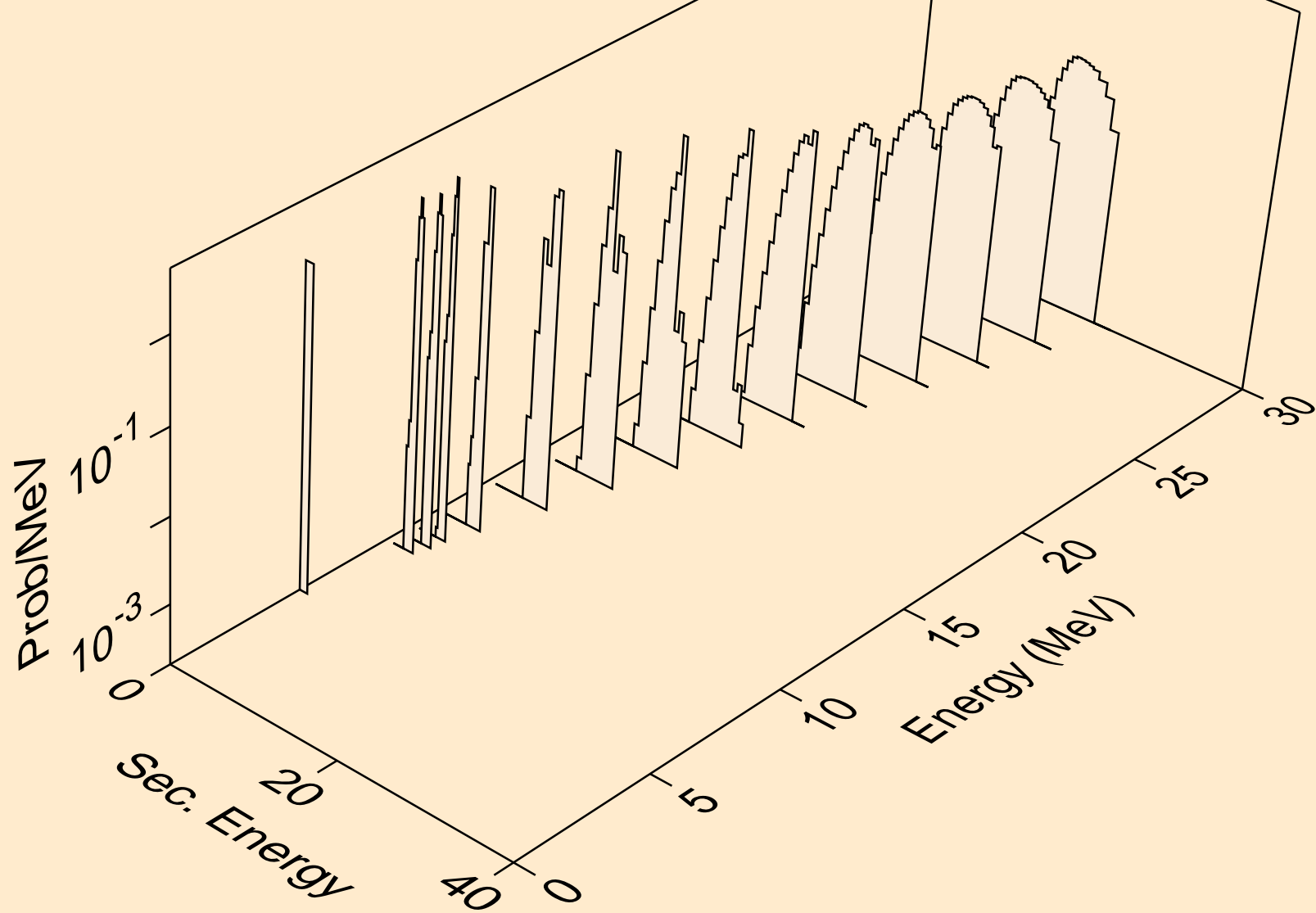
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



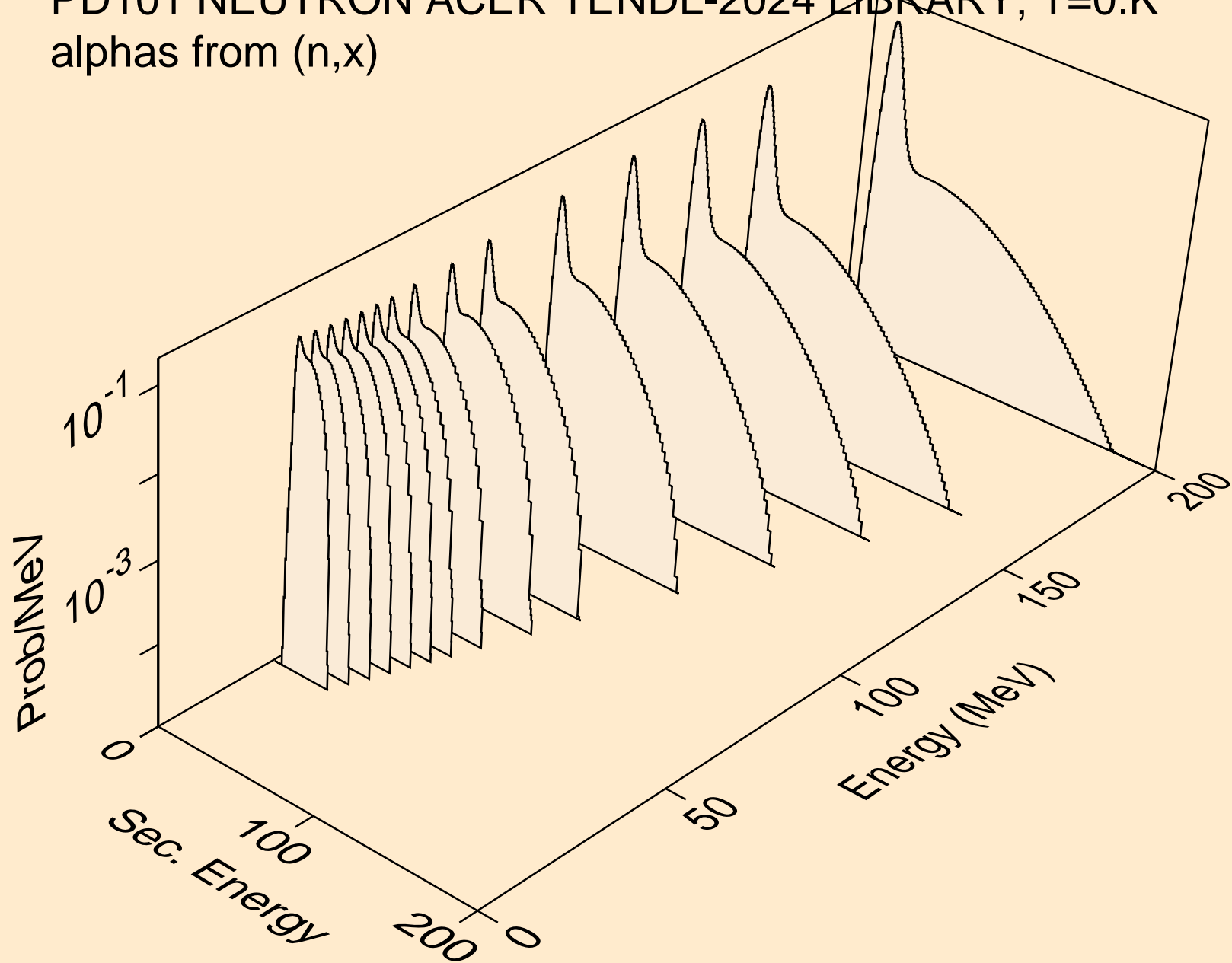
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



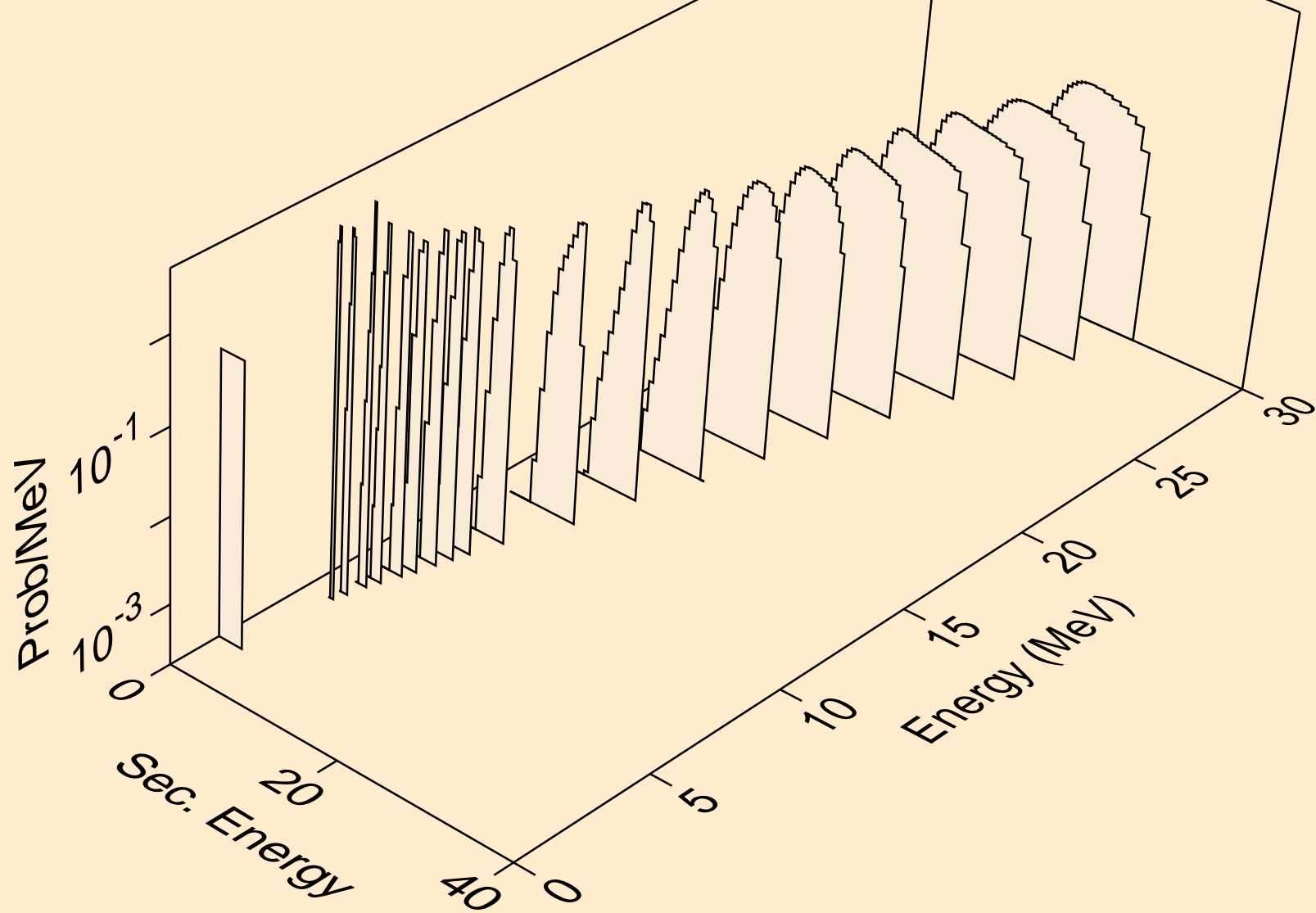
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he3s from (n,he3)



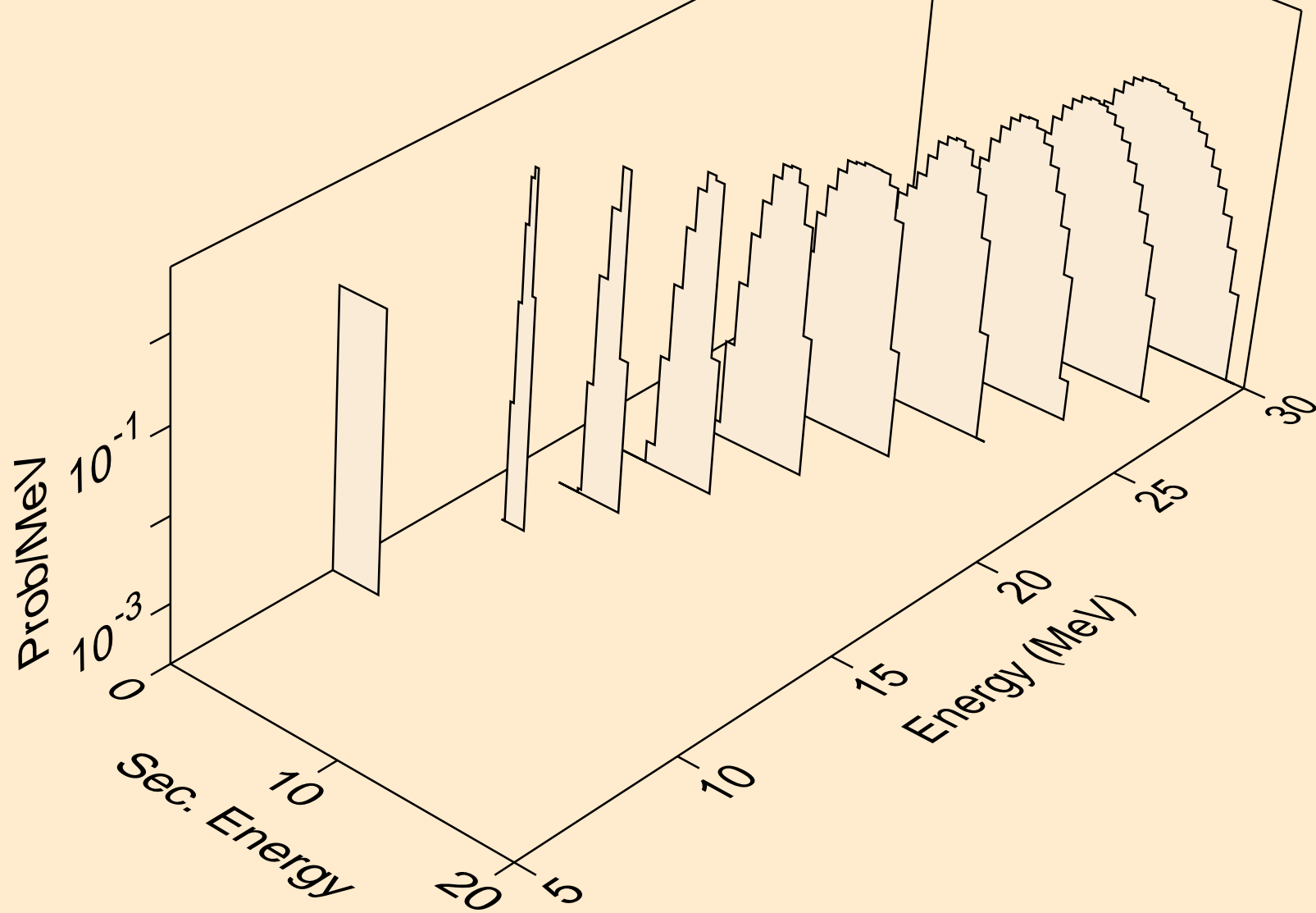
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

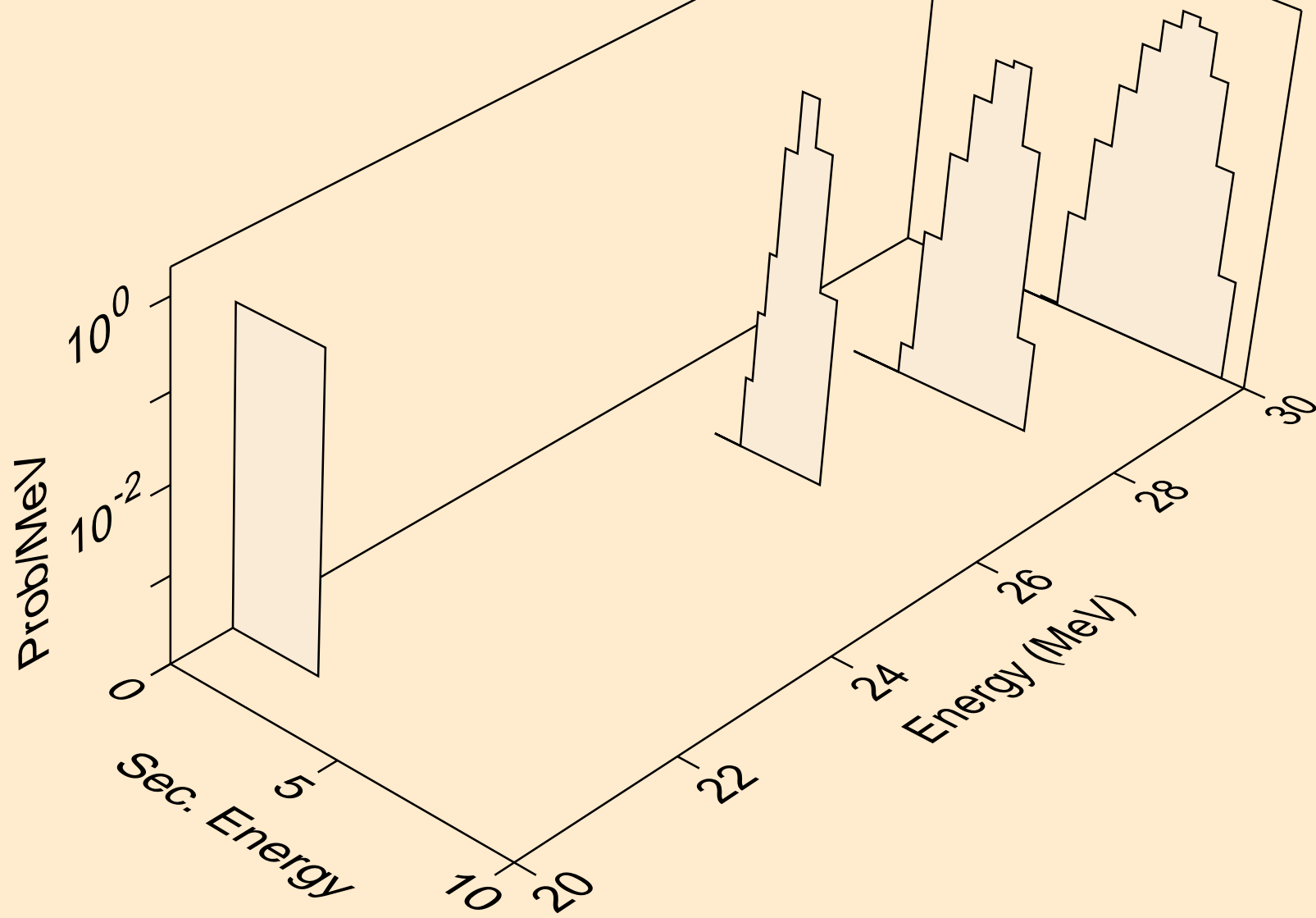


PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

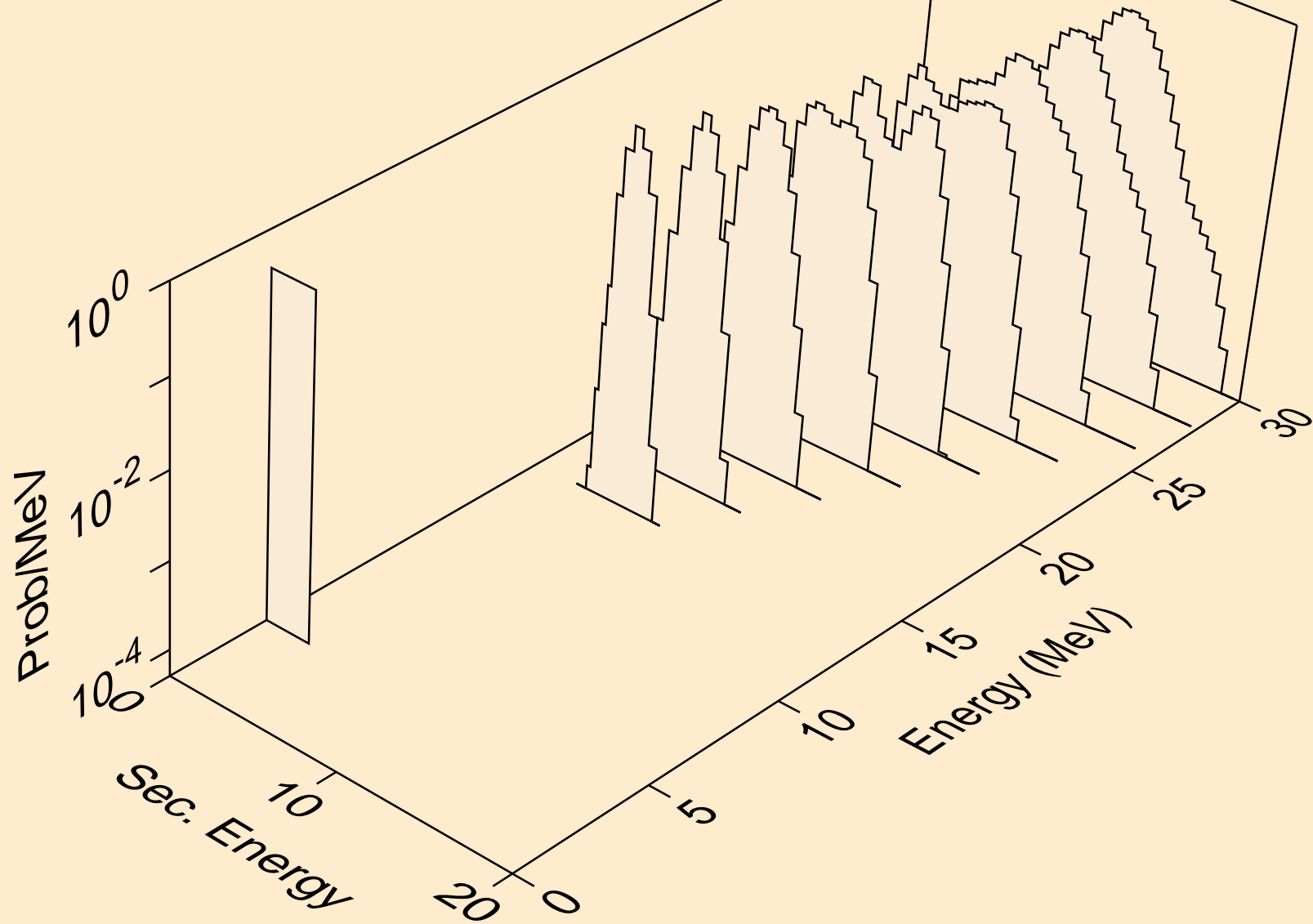




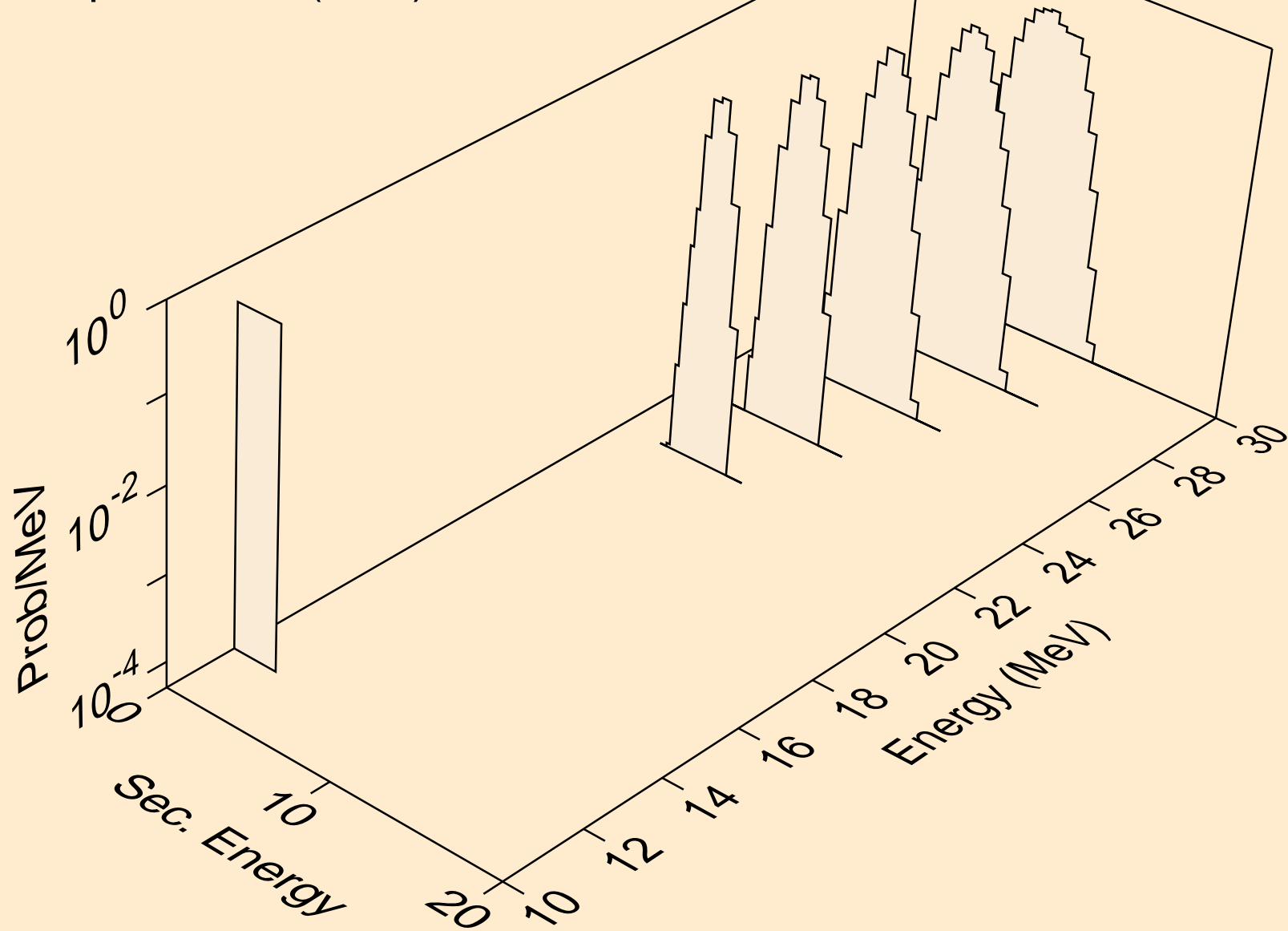
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



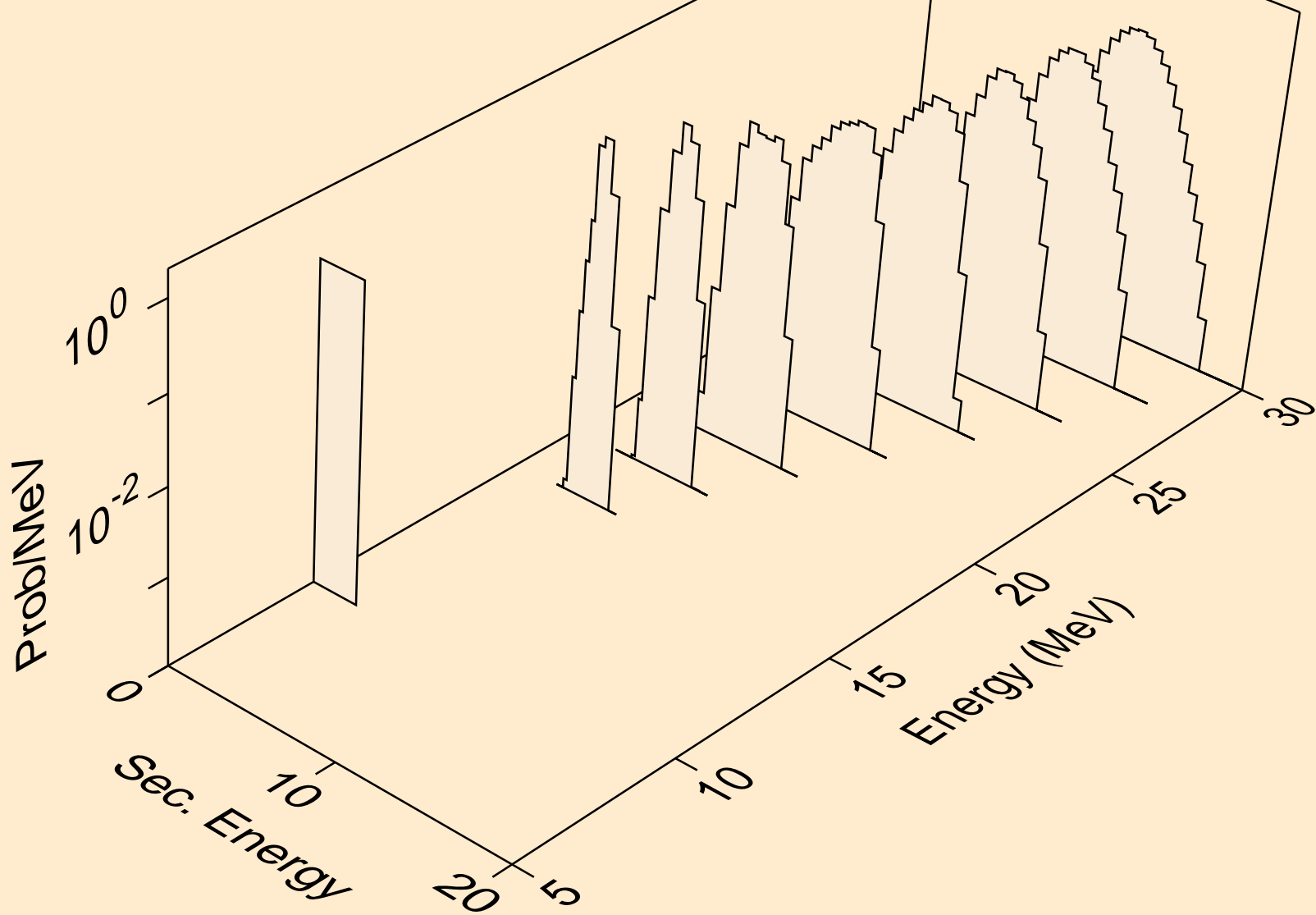
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



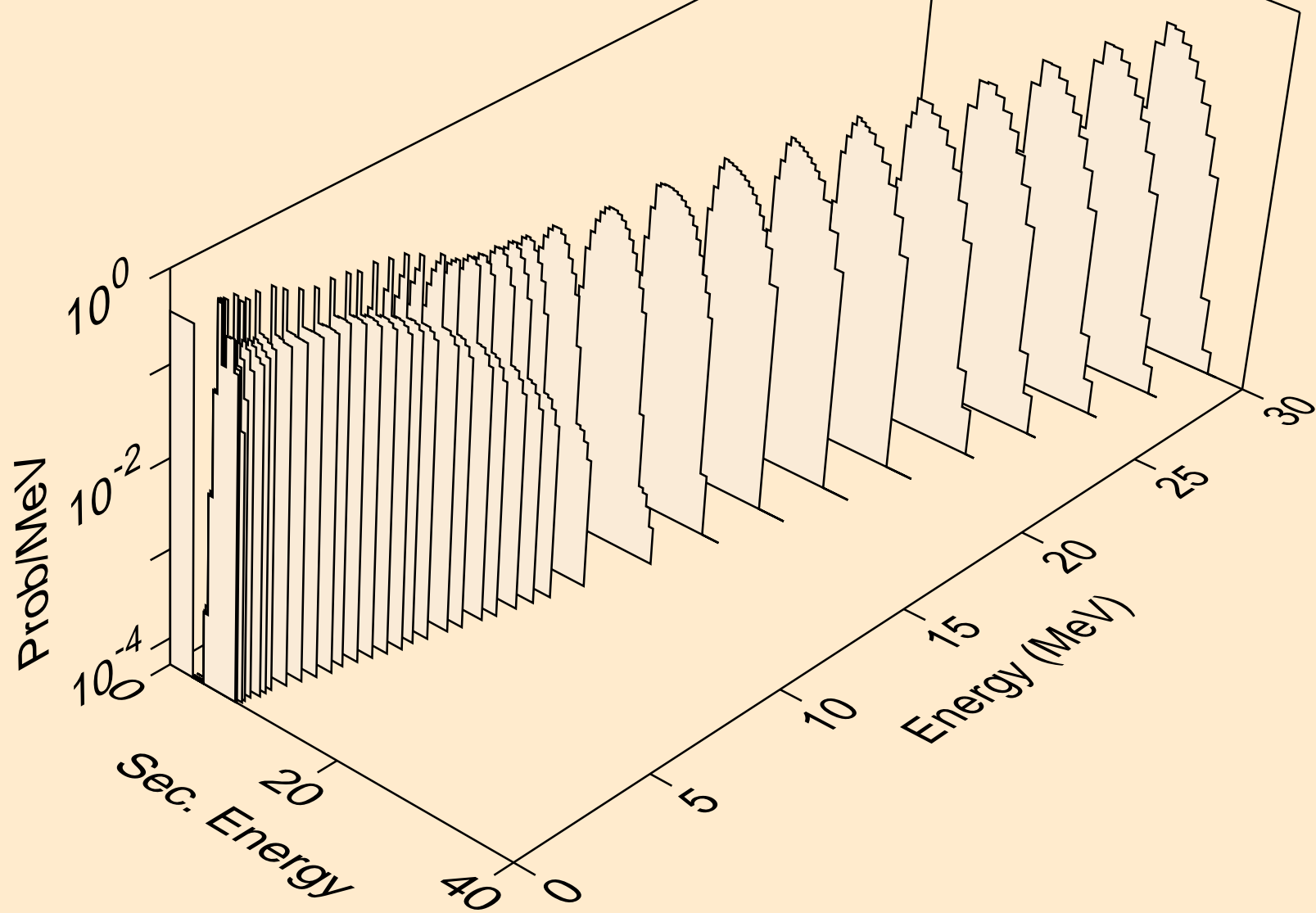
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



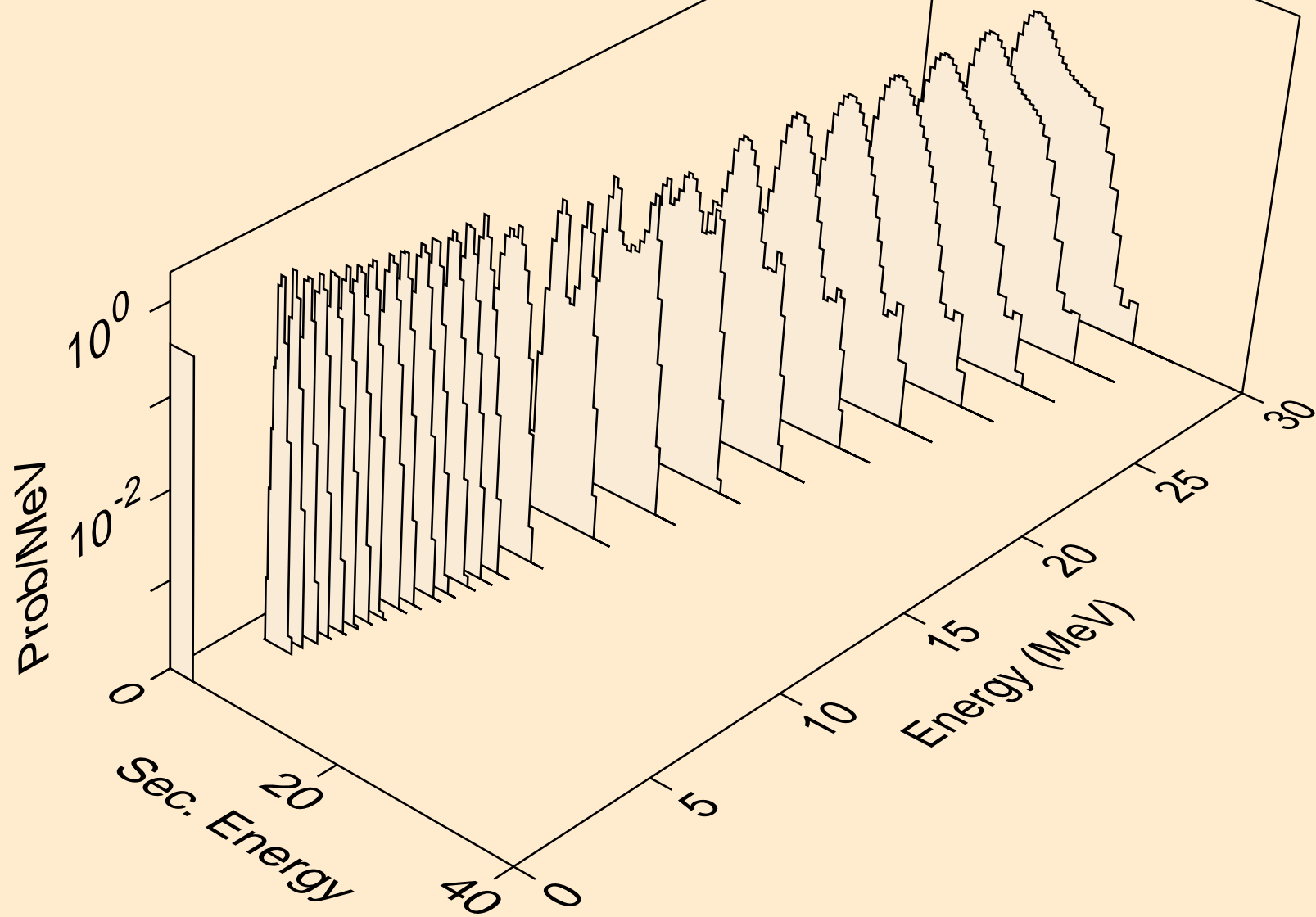
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



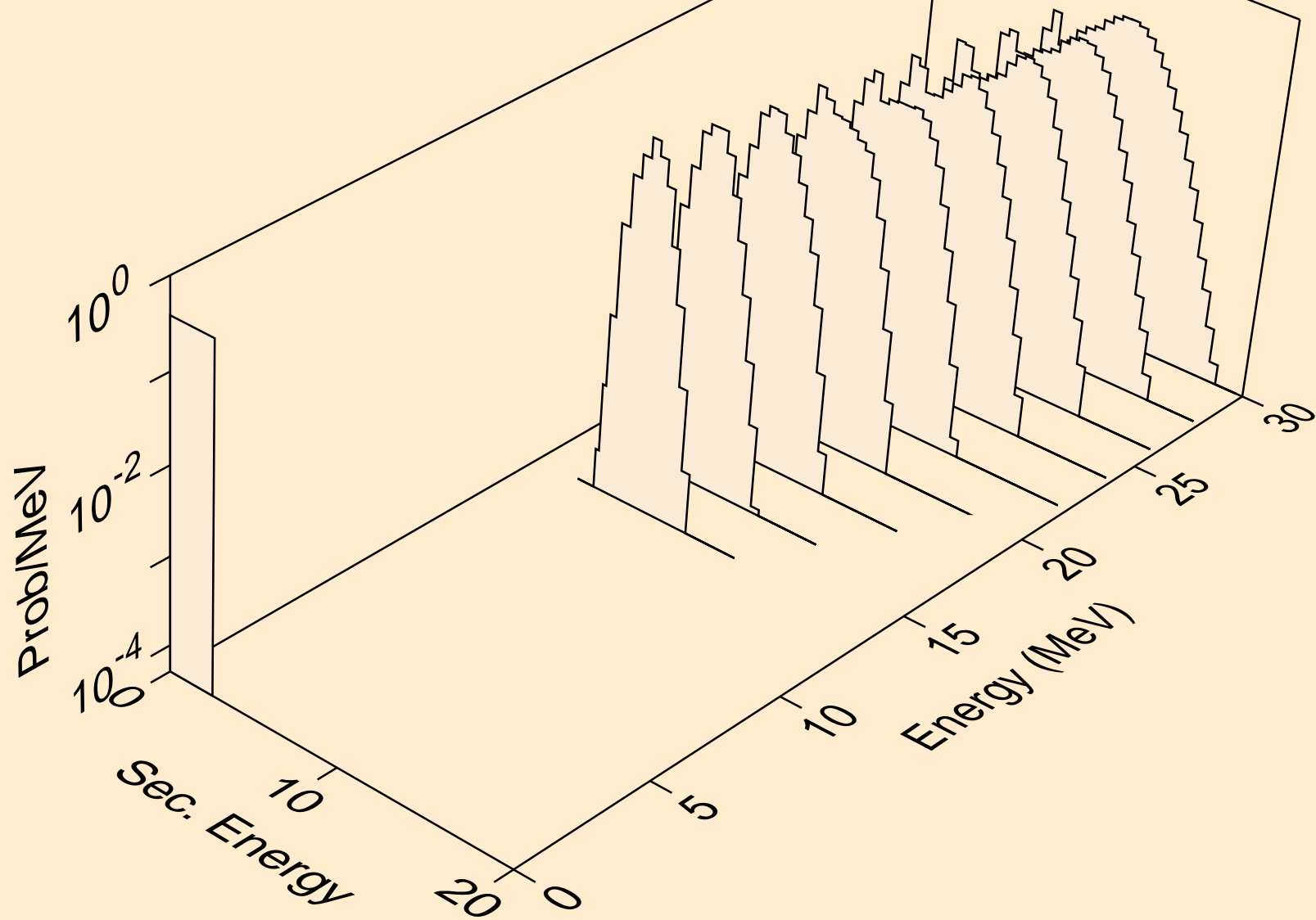
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



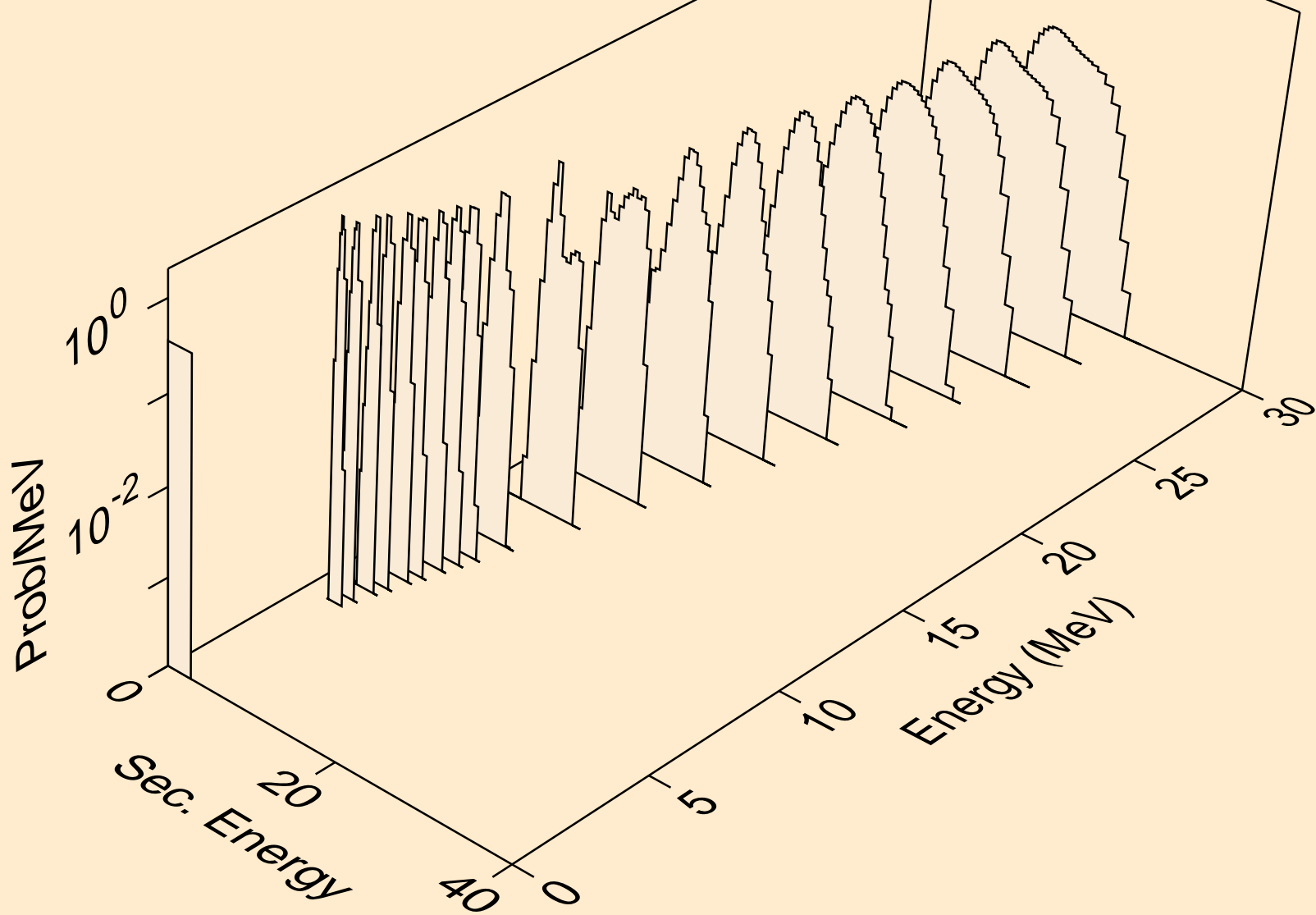
PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





PD101 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

